



Chandrashekar Babu

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Profile

Experienced FOSS Technologist and Corporate Trainer

Summary

- **30+ years of experience in the IT industry.**
- **45,000+ hours of technology training experience.**
- **75+ clients have engaged me on technology training and consulting assignments.**
- **Expertise on more than 60 FOSS technology domains.**

Introduction

I am a Free/Open Source Software (FOSS) Technologist with 30+ years of experience in the IT industry. Currently, I manage a software technology company (Slashprog Technologies - <http://www.slashprog.com/>) with focus on FOSS technology promotion, consultancy, development and training.

I also work as a freelance corporate trainer with various IT companies (CISCO, Qualcomm, Gigamon, Adobe and many others) on corporate training assignments for various FOSS related technologies.

Patents (as approved by WIPO)

SYSTEM AND METHOD FOR SOFTWARE LEARNING (WO/2003/044761)
[More details available at <http://www.wipo.int/pctdb/en/wo.jsp?wo=2003044761>]

Corporate training delivery details (2003 to 2025)

PYTHON PROGRAMMING (BASIC TO ADVANCED)

CISCO Systems - Bengaluru/Chennai/Pune (150+ batches).

Qualcomm Technologies Inc. - Bengaluru/Hyderabad/Noida/US/Israel. (120+ batches).

Adobe Software - Noida/Bengaluru (25+ batches).

Motorola - Penang, Malaysia.

ABB Group - Bengaluru (2 batches).

Gigamon - Chennai (3 batches).

Spirent Communications - Bengaluru.

VISA India - Bengaluru (2 batches).

EMC Data Storage Systems India Pvt Ltd - Bengaluru/Pune (40+ batches).

Microsoft Corporation India Pvt Ltd - Hyderabad (4 batches).

VMware Software India Pvt Ltd - Bengaluru (25+ batches).

Rambus - Bengaluru.

California Software Company (CalSoft Group). - Bengaluru.

Aircom International - Gurgaon.

AOL Interactive Media India Pvt Ltd - Bengaluru (5 batches).

BMC Software - Pune.

Emulex Communications Pvt Ltd - Bengaluru (2 batches).

Honeywell Software - Bengaluru (4 batches).

IBM India Pvt Ltd - Bengaluru.

Lantiq - Bengaluru.
CollabNet, Inc. - Chennai (12 batches).
NXP Semiconductors India Pvt Ltd - Bengaluru.
Sungard Technologies - Bengaluru/Pune (2 batches).
Zensar Technologies - Pune.
KLA Tencor India Ltd - Chennai.

LINUX KERNEL INTERNALS AND DEBUGGING

CISCO Systems - Bengaluru/Chennai/Pune (100+ batches).
EMC Data Storage Systems India Pvt Ltd - Bengaluru (6 batches).
Qualcomm Technologies Inc. - Hyderabad / Bengaluru / Noida (60+ batches).
Visteon Technologies - Chennai.
Emulex Communications Pvt Ltd - Bengaluru (2 batches).
Nokia-Seimens Networks - Bengaluru (4 batches).
HP India Software Operations - Bengaluru (3 batches).
R Systems - Gurgaon.
TES PV - Bengaluru.

LINUX DEVICE DRIVERS

CISCO Systems - Bengaluru/Chennai/Pune (30+ batches).
Qualcomm Technologies Inc. - Hyderabad/Bengaluru/Noida (20+ batches).
EMC Data Storage Systems India Pvt Ltd - Bengaluru (3 batches).

LINUX FUNDAMENTALS

CISCO Systems - Bengaluru/Chennai/Pune (7 batches).
Qualcomm Technologies Inc. - Hyderabad/Bengaluru/Noida (40+ batches).
Nutanix Technologies - India/US (10+ batches).
HP India Software Operations - Bengaluru (4 batches)
Oracle India Pvt Ltd - Hyderabad.
Sensiple Software - Chennai.

LINUX INTERMEDIATE (TAILORED TO CLIENT'S REQUIREMENTS)

Nutanix Technologies - India/US (10+ batches).
HP India Software Operations - Bengaluru (8 batches)
Oracle India Pvt Ltd - Hyderabad (4 batches)..

LINUX ADVANCED (TAILORED TO CLIENT'S REQUIREMENTS)

Nutanix Technologies - India/US (10+ batches).
HP India Software Operations - Bengaluru (2 batches).
EMC Data Storage Systems India Pvt Ltd - Bengaluru (2 batches).
CISCO Systems - Bengaluru/Chennai/Pune (100+ batches).
Qualcomm Technologies Inc. - Hyderabad/Bengaluru/Noida (4 batches).

APPLIED DATA ANALYTICS AND MACHINE LEARNING USING PYTHON

Qualcomm Technologies Inc. - Hyderabad/Bengaluru/Chennai/Noida (18 batches).
Adobe Software - Bengaluru (4 batches).

PERL PROGRAMMING (BASIC TO ADVANCED)

Qualcomm Technologies Inc. - Bengaluru and Hyderabad (10+ batches).
EMC Data Storage Systems India Pvt Ltd - Bengaluru (35+ batches).
VMware Software India Pvt Ltd - Bengaluru (25+ batches).
Sybase Software India Pvt Ltd - Pune.
Goldman Sachs Services Pvt Ltd - Bengaluru.
ValueSource Technologies Pvt Ltd - Chennai.
CollabNet, Inc. - Chennai (10 batches).
Bank of America - Chennai.
CISCO Systems - Bengaluru (6 batches).

Qwest Software - Bengaluru.
Satyam Software - Hyderabad.
SLK Software - Bengaluru.
AthenaNet India Pvt Ltd - Chennai.
Scope International - Chennai (10 batches).
Sensiple Software Solutions Pvt Ltd - Chennai.

RUBY PROGRAMMING

Novell (MicroFocus) - Bengaluru (4 batches).
NetApp - Bengaluru.
Fidelity Business Services India Pvt Ltd - Bengaluru (2 batches).
CISCO Systems - Bengaluru (4 batches).
WIPRO Technologies - Bengaluru.

TCL/TK PROGRAMMING

Cognizant Technology Solutions - Coimbatore.
Sensiple Software - Chennai.
SLK Software - Bengaluru.
Qualcomm Technologies Inc. - Bengaluru (12 batches).

UNIX SHELL SCRIPTING (BASH/KSH93 - LINUX)

HP India Software Operations India Pvt Ltd - Bengaluru (25+ batches).
VISA India - Bengaluru.
Goldmann Sachs - Bengaluru.
iFlex Software Solutions - Chennai.
Verizon Data Services India Pvt Ltd - Chennai (2 batches).
Sybase (SAP) - Pune.
Oracle - Hyderabad (6 batches).
Juniper Networks - Bengaluru.

JAVA 5 PROGRAMMING (BASIC TO ADVANCED)

HP India Software Operations - Bengaluru (25+ batches).
EMC Data Storage Systems India Pvt Ltd - Bengaluru (25+ batches).
Oracle India Pvt Ltd - Bengaluru (5 batches).

CLOJURE PROGRAMMING

Cener Healthcare - Bengaluru.

SCALA PROGRAMMING

Goldmann Sachs - Bengaluru.

ADVANCED LINUX PROGRAMMING IN C

CISCO Systems - Bengaluru/Chennai/Pune (40+ batches).
HP India Software Operations - Bengaluru (4 batches).
Fundtech Ltd. - Pune.
Samsung India Software Operations - Bengaluru (2 batches).

ANDROID DEVELOPMENT

Qualcomm Technologies Inc. - Hyderabad (3 batches).
Samsung India Software Operations - Bengaluru.

ANDROID INTERNALS

Qualcomm Technologies Inc. - Hyderabad (2 batches).
CISCO Systems - Chennai.

ANDROID SYSTEM DEBUGGING TECHNIQUES

Qualcomm Technologies Inc. - Hyderabad (2 batches).

LINUX ADMINISTRATION (L1, L2, L3)

Accenture - Chennai.
ELCOT - Chennai (2 batches).
EMC Data Storage Systems India Pvt Ltd - Bengaluru.
Emulex Communications Pvt Ltd - Bengaluru (2 batches).
Intel Corporation India Ltd - Bengaluru (3 batches).
Redim Software - Chennai.
WIPRO Technologies - Bengaluru (3 batches).
Scope International - Chennai (15+ batches).

APACHE WEB SERVER ADMINISTRATION

EMC Data Storage Systems India Pvt Ltd - Bengaluru.
Fidelity Investment Services - Chennai.
IBM India Pvt Ltd - Gurgaon.
WIPRO Technologies - Bengaluru.
Infosys - Bengaluru/Hyderabad.

APACHE TOMCAT ADMINISTRATION

AOL Interactive Media India Pvt Ltd - Bengaluru (10+ batches).
IBM India Pvt Ltd. - Gurgaon.
ELCOT - Chennai.

LINUX INTERNET AND EMAIL SECURITY

VeriSign Services India Pvt Ltd - Bengaluru.
CSC India Pvt Ltd., - Noida.

MYSQL / MARIADB ADMINISTRATION (BASIC TO ADVANCED)

AOL Interactive Media India Pvt Ltd - Bengaluru (25+ batches).
Sify - Chennai.
WIPRO Technologies - Bengaluru (2 batches).
Rakuten India - Bengaluru.

MYSQL / MARIADB OPTIMIZATION AND PERFORMANCE TUNING

AOL Interactive Media India Pvt Ltd - Bengaluru (10 batches).
U Software - Chennai.

MYSQL / MARIADB DATABASE DEVELOPMENT (BASIC TO ADVANCED)

AOL Interactive Media India Pvt Ltd - Bengaluru (25+ batches).
U Software - Chennai (2 batches).
Rakuten India - Bengaluru.

POSTGRESQL DATABASE DEVELOPMENT (BASIC TO ADVANCED)

Adea Technologies Pvt Ltd - Bengaluru.
EMC Data Storage Systems India Pvt Ltd - Bengaluru.
CSC (formerly Covansys) - Chennai.
Zensar Technologies - Pune.

WEB DEVELOPMENT USING PHP

Rakuten India - Bengaluru.
Aztecsoft Ltd., - Bengaluru (4 batches).
Qualcomm Technologies Inc. - Bengaluru.
BHEA Software Technologies - Bengaluru (3 batches).
CGI Software - Bengaluru.
EMC Data Storage Systems India Pvt Ltd. - Bengaluru.
Eterno Software India Pvt Ltd. - Bengaluru.
iGate Global Solutions Ltd. - Bengaluru.
Intel India Technology Pvt Ltd., - Bengaluru (3 batches).
Logica India - Bengaluru (3 batches).

Nokia-Seimens Networks - Chennai.
Sapient Technologies - Bengaluru.
U Software - Chennai (3 batches).

WEB DEVELOPMENT USING RUBY ON RAILS

Amazon Development Center., - Chennai/Hyderabad (3 batches).
Nestaway - Bengaluru.
Adobe Software - Noida (6 batches).
Fidelity Business Services India Pvt Ltd - Bengaluru.
AOL Interactive Media India Pvt Ltd - Bengaluru (3 batches).
Cybage Software - Pune.
Infinite Solutions - Bengaluru.
Intuit Technology Services Pvt Ltd - Bengaluru.
WIPRO Technologies - Bengaluru.

WEB 2.0 PARADIGMS AND STANDARDS

HP India Software Operations - Bengaluru.
Verizon - Bengaluru.
Aztecsoft - Bengaluru.

WEB DEVELOPMENT USING DRUPAL

Cybage - Pune.
U Software - Chennai.
Qualcomm Technologies Inc. - Hyderabad.

WEB DEVELOPMENT USING WEBWARE

Zensar Technologies - Pune.

WEB APPLICATION TESTING USING WATIR FRAMEWORK

N. E. Technologies - Goa.

JAVA 5 EE DEVELOPMENT

HP India Software Operations - Bengaluru (15+ batches).
Oracle India Pvt Ltd - Bengaluru (5 batches).

JAVA WEB SERVICES

EMC Data Storage Systems India Pvt Ltd - Bengaluru (7 batches).
HP India Software Operations - Bengaluru (15+ batches).
GXS Software - Bengaluru.

CVS

Kyocera Wireless Pvt Ltd - Bengaluru.
Allfon Systems - Chennai.

GIT

EMC Data Storage Systems India Pvt Ltd - Bengaluru.
Qualcomm Technologies Inc - Hyderabad (8 batches).
Altair Systems - Bengaluru.

XML

HP India Software Operations - Bengaluru (10 batches).
EMC Data Storage Systems India Pvt Ltd - Bengaluru (5 batches).
CollabNet, Inc. - Chennai (5 batches).

AGILE METHODOLOGIES AND SCRUM

Logica India - Bengaluru (2 batches).
U Software - Chennai.

OTHER TECHNOLOGIES THAT I CAN TRAIN ON

IoT development using MicroPython.

IoT deployment using RaspberryPi Pico / ESP series boards.

Embedded Linux Deployment (on ARM based boards).

Design Patterns (in Python/Java/Ruby/Perl).

Linux System and Application Security.

Web Application Development using NodeJS.

Programming in Go, Rust, Lua, Nim, Zig, C, Groovy, Crystal and Clojure.

Experience (Total - 30 years)

CO-FOUNDER AND MANAGING DIRECTOR, SLASHPROG TECHNOLOGIES; CHENNAI - 2010 TILL DATE

Slashprog Technologies is a FOSS technology consultancy solutions company co-founded by me with a vision to groom technology entrepreneurs for the next generation. As the managing director - I focus on building a scalable and sustainable model for mentoring college/university freshers on current trends and industry demands related to FOSS. I identify talented candidates looking for challenging opportunities in technology domain and guide them on various trending technologies that lack necessary skilled resources in the industry.

I conduct weekend bootcamps/workshops, mock project assignments that cover agile development practices (TDD, BDD, XP, SCRUM), version control, bug tracking, reporting and fixing, FOSS community interaction and contribution by means of testing, bug-fixing open source projects and mentoring on live project assignments where applicable. Eventually, dedicated candidates become competent in their technology experience to meet challenges and demands of the industry for skilled FOSS resources. I also continue to deliver corporate training programs on various FOSS related technologies by working closely with affiliate training organizations.

INDEPENDENT FOSS TECHNOLOGIST AND CORPORATE TRAINER - 2003 TO 2010

I have delivered corporate training programs and have also worked on technology consulting and contract development assignments for various companies on FOSS related tools and technologies during this time frame. More information about my clientele and the technology domains that I have trained on - are detailed in the above section - "*Corporate training delivery details (2003 to 2013)*"

SENIOR MEMBER, TECHNICAL STAFF, LIQWID KRYSTAL INDIA PVT LTD; BENGALURU - 1999 TO 2003

Liquid Krystal was an e-Learning technology start-up company that specialized on providing eLearning solutions for software technologies. My work here involved providing in-house solutions for various tasks and projects using FOSS technology/framework. I worked with the team that designed, developed and deployed CodeSaw - an online E-learning portal with remote access technology that provides an online virtual learning environment for learning and practicing using various programming languages and FOSS technologies that include C, C++, Ruby, Python, Perl, PHP and Linux in a secure sand-boxed environment.

The software design, architecture and its implementation was patented at WIPO under "**(WO/2003/044761) SYSTEM AND METHOD FOR SOFTWARE LEARNING**"

I also worked on the architecture, design and development of security sandbox solution for running un-trusted programs and applications under the CodeSaw E-Learning server environment by applying RSBAC patches to the Linux kernel powering the server and also employing virtualization technologies based on User-

Mode-Linux and Qemu.

**FOSS CONSULTANT AND DEVELOPER,
NR INFOTECH PVT LTD; BENGALURU - 1998 TO 1999**

NR Infotech was an e-business company with focus on web development using diverse technologies. I worked for this company as FOSS technology consultant for web technology stack with specialization on PostgreSQL database, PHP, Perl/CGI, Apache Web Server, Apache Tomcat and Metrix Web Console.

**PROPRIETOR,
FOUR DIMENSION LABS; BENGALURU - 1997**

Four Dimension Labs - was a startup consumer electronics company founded by me to manufacture and sell house-hold electronic products invented by me. I had created a very low-cost solution for "Automatic water-level controller for overhead tanks". This product senses water-level in the overhead tank and automatically powers ON or OFF a motor pump-set. I had decided to mass manufacture this product and sell in the market after testing the prototype for 4 years at home and couple of installations in my friends residence. I also developed a power-efficient emergency lighting system based on CFL lamps. Unfortunately, I could not scale up this venture due to lack of funds. I had to move on to freelance consulting projects after a year.

**SYSTEMS DEVELOPER,
PROLAND SOFTWARE INDIA PVT LTD; BENGALURU - 1997**

Proland Software is an anti-virus and security products development company. I worked at this company as a systems developer specializing on Borland Turbo Assembler and Borland Turbo C for Intel architecture/MS-DOS platform. Most of my work in the initial phase was on maintenance, bug-fixing and refactoring the firmware code on Protector Plus Antivirus Card. I also worked on analysis of various virus samples for the MS-DOS and Windows '95 platform, and creation of scan and cure engine for each virus sample.

**TRAINING FACULTY,
IIHT JAYANAGAR; BENGALURU - 1995 TO 1997**

Indian Institute of Hardware Technology (IIHT) was a training institute with focus on delivering training programs on Computer Hardware and Networking during this time. I worked for this institute as a training faculty for delivery of training on Computer hardware (A+ syllabus), Computer networking concepts (N+ syllabus), LAN administration using Novell Netware 3.12 and 4.11, Basic Electronics and Digital Computer Electronics.

For endorsements and recommendations about my work, kindly visit my LinkedIn profile at the following URL:

<https://www.linkedin.com/in/chandrashekarbabu>

For reviewing my corporate training programs, kindly visit my youtube links as listed below that consists of demonstration video clips of screencasts recorded during corporate training sessions and presentations that I have delivered earlier:

<https://youtu.be/FxY-IJPsBMg>
<https://youtu.be/HClZ0hIAdQU>
<https://youtu.be/4vVza5eAI50>
https://youtu.be/LMK0IsTJS_8
https://youtu.be/jq-VsC_PXPY
https://youtu.be/hImf_HgmnG4
<https://youtu.be/TiIUdfChZr4>
<https://youtu.be/9tSLcYIVr3A>
<https://youtu.be/cXRudVodfMY>

I also host tech videos on my own YouTube channel:

<https://www.youtube.com/ChandrashekarBabu>

My online training courses are hosted on Udemy.com and Slashprog.com:

<https://www.udemy.com/user/chandrashekar-babu-3/>
<https://slashprog.com/courses/>

More about me on my personal website detailed at the following URL:

<https://www.chandrashekar.info/>

A handwritten signature in black ink, reading "Chandrashekar". The signature is written in a cursive, flowing style with a prominent underline.