Manikandan Selvaganesan

manikandancs333@gmail.com | 91 8098253485

ABOUT ME

An Open source enthusiast and a System Programmer having 2+ years of experience working in Distributed file systems and Storage. Love to code, explore challenges & dream too much about innovating things.

SKILLS

PROGRAMMING

Over 5000 lines:
• C • C++

Over 1000 lines:
• Java • Python • Golang • HTML
• Shell scripting

Mind evoking areas:
• File systems • Linux Kernel
• Data structures & algorithms

DEVELOPMENT TOOLS

•Vim, IntelliJ, Atom • Git
• gdb • gcc

COURSES

• RHCSA • CCNA crash course

LINKS

Gerrit Code:// **Manikandan-Selvaganesh**
Github:// **Manikandan-Selvaganesh**
LinkedIn:// **Manikandan Selvaganesh**
Blog:// **manikandanselvaganesh**
Twitter:// **@HighlyCurious**
Quora:// **Manikandan-Selvaganesh**

EDUCATION

SKCET, ANNA UNIVERSITY

B.E in Computer Science

April 2015 | TN, India.
Distinction
Cum. GPA: 9.5 / 10

KEY WORDS

• Distributed Systems • Gluster
• GNU / Linux, Windows • File Systems
• Storage (SDN) • Agile/Scrum
• Software Development Life Cycle
• DevOps/Infrastructure

HOBBIES

• Exploring places • Programming
• Cooking • Gardening
• Blogging • Running

EXPERIENCE

OPEN SOURCE CONTRIBUTOR

June 2014 - present
• Co-Maintainer of three components in GlusterFS(Quota, Marker & SELinux).
• Contribute code to open source communities - GlusterFS, Fedora, Syslog-ng.
• Support community users, triage bugs and host meetings.
• Have also contributed code to few other startups.

CISCO | Software Engineer II

Aug 2016 - present | Bangalore, India
• Working in a Agile Development Scrum team which involves all stages of SDLC.
• Resolving customer escalations, developing features, monitoring builds, fixing defects, reviewing code changes are my day-to-day tasks.

REDHAT | Associate Software Engineer

Jun 2015 – Aug 2016 | Bangalore, India
• Maintainer of two components - Quota and marker and mentored interns.
• Deciding release blockers, developing features, resolving customer escalations, improved regression test suites, packaging Gluster for different flavors and hosting community meetings, reviewing code changes
• Won various awards for resolving customer escalations, good connection and team playing among peers, providing the best ideas for the design of the project(s).

REDHAT | Software Engineering Intern

Jan 2015 – Jun 2015 | Bangalore, India
• Implemented new logging framework for GlusterFS and created log parser.
• Fixed more than 200 coverity issues and automated build jobs.

PROJECTS

• Developed Application Gateway and Multi PG support for Enterprise solutions.
• Implementation of SELinux Translator for GlusterFS.
• Implementation of new logging framework for the distributed file system.
• Performance analysis of binomial heap in a search engine.
• Efficient data visualization tool using static Gramener Graph.
• Symptom based approach for analyzing diseases and tool for Family maintenance tree.

AWARDS

2014	1st	State level paper presentation on Data visualisation.
2014	2nd	National level project design contest.
2013	1st/500	Coding Competition, Photography.
2013	National	Trading Challenge Finalist.
2012	2nd/140	Won overall awards for academic and extra curricular activities.
2011	District	Top Achiever Award for overall performance award.

SOCIETIES

2011-present	Executive member	Computer Society of India
2011-present	Executive member	Students Creative Association