

Manikandan Selvaganesan

<https://github.com/Manikandan-Selvaganesh>
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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 10000 lines:

- C • C++

Over 3000 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

EXPERIENCE

CISCO | SOFTWARE ENGINEER II

Aug 2016 - present | Bangalore, India

- Developed the Application Gateway feature for the Contact Center which helped the Product Owner increase the sales to a greater extent in the market. Part of the Agile Scrum team.
- Resolving customer escalations, developing features, monitoring builds, fixing defects, reviewing code changes are my day-to-day tasks.

OPEN SOURCE CONTRIBUTOR

June 2014 - present

- Co-Maintainer of three components in GlusterFS(Quota, Marker & SELinux). Implementing the most awaited feature of SELinux translator in GlusterFS which will support setting the security contexts over the Gluster mount point.
- Contribute code to communities - GlusterFS, Fedora, Syslog-ng.
- Support community users with their queries, triage bugs, host meetings, review code changes that affect the System and Performance.
- Contributing code to few Startups which helps them grow and in turn helps me learn newer technologies and programming languages.

Code Contributions to Gluster - [Manikandan-Selvaganesh](#)

REDHAT | ASSOCIATE SOFTWARE ENGINEER

Jun 2015 – Aug 2016 | Bangalore, India

- Maintainer of two components - Quota and marker and mentored interns.
- Enhanced and modified the Quota and marker code base which increased the performance, helps developers understand and debug the code easily.
- Deciding release blockers, developing features, resolving customer escalations, improved regression test suites, packaging Gluster for different flavors and hosting community meetings, reviewing code changes are some of the day-to-day tasks.
- Won various awards for resolving customer escalations, good connection, team playing among peers, providing the best ideas for project design.

REDHAT | SOFTWARE ENGINEERING INTERN

Jan 2015 – Jun 2015 | Bangalore, India

- Implemented new logging framework for GlusterFS & created log parser.
- Fixed more than 200 coverity issues and automated build jobs.

EDUCATION

SKCET, ANNA UNIVERSITY | APRIL 2015 | TN, INDIA.

B.E IN COMPUTER SCIENCE,

Distinction, Cum. GPA: 9.5 / 10

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.
2009	District	Staff Merit Award for Academics and Extra curricular activities.
2008	District	Towards Leadership Award for Social Responsibilities.

SOCIETIES

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