**RAVIKIRAN N**

93 5th cross Balaji Nagar BSK 3rd stage Bangalore-85 \* +91-8050608856 \* [ravikirann1989@gmail.com](mailto:ravikirann1989@gmail.com) \*

# CORE Competencies

* Spring boot, Spring MVC, Hibernate, Mybatis, Mockito, Junit.
* Angular7+, JavaScript, TypeScript, Jasmine.
* PostgreSQL, MongoDB, MySQL.
* Micro Services, Docker, Kubernetes, Ansible, Microsoft Azure, CI-CD
* Apache Kafka, RabbitMQ, Redis
* Design Patterns – Factory, Singleton, consumer-generator, Builder
* UI Designing – Adobe XD
* LINUX – Red Hat, Debian, Ubuntu, CentOS, Rocky Linux.
* IntelliJ, VS Code.
* Network Function Virtualization: NETCONF, YANG
* SVN, CVS, GIT, JIRA, Atlassian

# PROFESSIONAL EXPERIence

## SMITHS DETECTION

## *Lead Software Engineer Apr 2020 – present*

Digital Platform

* Architecture design and implemented multiple secure micro services with zero quality and security issues.
* Full stack contribution to the suite of products under the umbrella of Digital Platform.
* Awarded with “Employee of the quarter” for owning the end-to-end delivery and deployment of UrbanAware application integrated with platform.
* Successfully took on an additional responsibility of scrum master, managing an entire team of 8 developers and 2 QA folks for timely deliverables in Release Trains and Sprints.

Asset Performance Management

* Re-engineered the entire product and deployed to meet the growing requirements of the customer.
* Recognized with an award for the key achievements in UX redesign and advocating re-usability for defined the concept of common components used across products.

## VERSA NETWORKS

## *Senior Software Developer June 2019 – Apr 2020*

Versa Director Network Management System (VD-NMS)

* Design and implementation of backend modules for VD-NMS with CISCO NCS/NSO Solutions.
* Accoladed for high rate of bug fixes in the present product.

## Mavenir systems

## *Senior Member of Technical Stoff - I Nov 2017 – June 2019*

Central Configurations System (CMS) – Element Management System (EMS)

* Successfully lead a team 6 developers.
* Represented MAVENIR in XRAN M-Plane committee, during 1.0 release of M-Plane standards to standardize and promote software-based extensible RAN elements across the industry.
* Awarded for a single day integration of Management system with the access network elements like CU, DU and RRU.
* Accolades for the new design of CMS to adapt to XRAN requirements without much changes.
* Star Award for Q3 2018-19 for the admirable contribution to adapt CMS to support RAN-EnodeB elements, with CU-DU-RU split, which is XRAN Split 7 architecture.
* Designed and implemented Network Management system for Macro, Small Cell 4G Deployments.

## Hewlett packard enterprise

## *System Software Engineer 2 Jan 2012 – Nov 2017*

Real Time Monitoring System (RTMS) – Element Management System (EMS)

* Owned three complete modules of the product namely, Analyzer, Collector and Notification.
* Designed and implemented the revamped product for better performance and quality.
* Revamped the product design to adapt latest High Availability frameworks like Pacemaker making product GEO-REDUNDANT.
* Independently completed end to end implementation of NETCONF and YANG protocol, being RFC 6242 and 6020 compliant.

Wi-Fi Authentication Gateway (WiAuG)

* Completely owned the Event-framework module responsible for sending customizable SNMP traps for enabled LOG statements.
* Successfully introduced an HTTP interface to the gateway by implementing them as J2EE servlets, deployed with any web server container.

Intelligent Network Server (INS)

* Developed and delivered a node installation tool which completely automated the installation process, reducing a manual effort of more than 3 hours, in less than 2 weeks of unplanned time, all this being done from scratch.
* Received appreciation for delivering quality fixes to the software bugs much ahead of time, reducing the backlog count to zero for 5 consecutive weeks.
* Pioneered the enforcement of TDD (Test Driven Development) with GOOGLE MOCKING AND UNIT TEST (C++) Framework in various projects in our team, which reduced the unit testing effort to an abysmally low time.

## Philips Electronics Indian private limited

## *Software Engineer 2 Aug 2011 – Jan 2012*

ATG Online B2B support.

* Improvised the implementation of ATG Servlet beans in the website code.
* Was recommended by my reporting manager for my contribution to the team on my LinkedIn Page.

## Park Controls and communications

## *Engineer, Intern Jan 2011 – Apr 2011*

Solid State Flight Data Recorder

* Implemented a high-profile Ministry of Defense India Project, famously called BLACK BOX, for IAF aircrafts, as part of Final semester academic project.

# EDUCATION

## B M S college of engineering, VTU belgaum

## *Bachelor of Engineering [ECE] July 2007 – June 2011*

* Percentage: 81.05%
* Awarded for scoring full marks in Engineering Mathematics in First Semester.
* Was consistently Awarded “Honeywell India Merit Scholarship” for all fours years.
* Has been mentoring >5 junior students through “PRERANA”, an institution working for financially unprivileged children.

# MORE Accomplishments

* Hobby Project: Line – Follower Robot (2010): Developed and constructed a Line-Follower Robot capable of following a line with discontinuities, loops, and many other complex paths.
* Best Student: Awarded thrice in my student career during 7th standard, 11th and 12th standards.