



# Jeevan Reddy Ragula

Software Architect with 16 years of experience in building scalable, high performance, and secure applications. Strong mentor and coach, skilled in inspiring confidence and leading by example.

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## PROFILE SUMMARY

- **Software Architect** with 16+ years of industry experience, specializing in cloud native technologies, with a strong focus on Kubernetes and extensive utilization of AWS services.
- Implemented **CNAPP** (Cloud Native Application Protection Platform), **CSPM** (Cloud Security Posture Management) and Container Security products, enhancing efficiency and security in cloud environments.
- Proficient in designing and implementing highly scalable, fault-tolerant, and resilient cloud and on-prem architectures.
- In-depth understanding of microservices architecture, containerization (Docker, Kubernetes), and serverless computing.
- Strong expertise in Golang and Java, with hands-on experience in developing enterprise grade applications.
- Extensive database skills, including Oracle, MySQL, MongoDB, and Snowflake ensuring efficient data management and retrieval.
- Proficient in DevOps practices, implementing Infrastructure as Code, CI/CD pipelines, and automated deployments to enhance development, testing, and deployment processes.
- Experienced in building a PCI DSS Compliant payment gateway with a multi-tenancy architecture.
- Adept at code review and mentorship, providing constructive feedback, encouraging growth, and promoting teamwork.
- Proactive in staying up to date with the latest industry trends, adopting innovative solutions for driving business outcomes.
- Excellent problem-solving abilities, focusing on root cause analysis, and resolving complex technical issues promptly.

## WORK EXPERIENCE

### Principal Software Engineer

Zscaler India Pvt Ltd, Hyderabad, India

Aug 2021 to Till Date

- **Strategic Vision:** As architect for IaC and container security products, I provided visionary leadership in product architecture, aligning technical strategies with organizational goals.
- **Collaboration Catalyst:** Facilitated cross-functional teamwork, uniting experts in development, security, and DevOps, and integrating cutting-edge tech (e.g., Kafka, CI/CD) into our security solutions.
- **Incorporating Innovation:** integrated state-of-the-art security technologies, such as threat detection and compliance checks, ensuring our products remained at the forefront of security practices.
- **Scalable Performance:** Architected solutions for scalability, optimizing performance to secure infrastructure and containers efficiently at any scale.

### Senior Staff Engineer

McAfee India Pvt Ltd, Hyderabad, India

Aug 2019 to Aug 2021

- Created a Log Collection service using **AWS S3**, **Beanstalk** and **Kafka** which is scalable with Auto scaling groups in real time.
- Integrated Spring Boot microservices to a monitoring solution using **Prometheus**, **Grafana** and Spring Actuator.
- Enabled **FIPS** support for **FedRAMP** High certification for couple of micro services.
- Worked on fetching Cloud Connector Config Data from **AWS CodeCommit** to display on UI as YAML.
- Created a notification system to notify customers for Cloud Connector health and processing status.

### Lead Software Developer

IVY Software Development Services Pvt Ltd, Hyderabad, India

July 2010 to July 2019

- Designed and built a **PCI DSS** Certified payment gateway for GVC group using **Spring**, **Apache CXF**, **Tomcat** and **Oracle**.
- Integrated around 20 Payment methods like Credit Cards, Wallets and Bank transfer options with service providers like Kalixa and Worldpay using **REST** and **SOAP** based APIs.
- Redesigned GVC Cashier using **jQuery** and **Materialize** frameworks and achieved **page loading time of 2 secs**.
- Integrated Central Logging using ELK stack (**Elastic Search**, **Logstash** and **Kibana**) for cashier services.
- Developed a Quick Deposit solution using **Jersey REST API** and **AngularJS** framework which enabled 1 Click Deposits.
- Migrated millions of payment transactions and instruments to target platform using optimized **ORACLE PL/SQL** scripts.
- Integrated **Distributed Caching** frameworks like **Apache Ignite** and **Terracota EHCache** for caching configuration data.
- Integrated **Live Chat** solutions in Cashier pages using **websocket** and **JavaScript** with provides LivePerson and Genesys.
- Implemented an alerting system with email and SMS based notifications using **ActiveMQ** asynchronous events.
- Fixed security issues like **XSS** using custom validation framework and developed a token-based authentication framework to prevent **CSRF** attacks.

Software Engineer      HP India Software Operations Pvt Ltd      Bengaluru, India      Nov 2009 to July 2010

- Worked on Serviceguard Manager which is a graphical user interface that provides configuration, monitoring and administration of Serviceguard, Serviceguard Extension for RAC, Metrocluster, and Continentalclusters.
- Developing new features including both back-end and front-end parts using Java and JavaScript technologies.

Application Developer      IBM India Pvt Ltd      Bengaluru, India      Aug 2007 to Nov 2009

- Worked on Fuel Cell Data Acquisition System which securely downloads data collected by the Data Recorders to the Local File Servers and central data management for Daimler AG.
- Implemented new shell scripts to copy data to central servers.
- Developed new features using Java, Struts, DB2 technologies and deployed them in WebSphere application server.

## CERTIFICATIONS

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- Oracle Cloud Infrastructure 2023 Certified Architect Associate
- Oracle Cloud Infrastructure 2023 Certified DevOps Professional
- Neo4j Certified Professional

## EDUCATION

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- **Bachelor of Technology**      **Aggregate (86%)**      **(2003-2007)**  
University: Jawaharlal Nehru Technological University, Hyderabad.
- **12th Higher secondary**      **Aggregate (96%)**      **(2001-2003)**  
Board of Intermediate Education, Andhra Pradesh.
- **10th Matriculation**      **Aggregate (89%)**      **(2000-2001)**  
Board of Secondary Education, Andhra Pradesh.