Veena Peramburu

JAVA FULL STACK DEVELOPER

Contact

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WWW
Bold Profile

Websites, Portfolios, Profiles

- www.linkedin.com/in/veenaperamburu

Skills

Core Java

RestAPIs

Microservices

OOPS

Docker

Experienced Software Developer with a strong background in designing, installing, testing, and maintaining software systems. Proficient in multiple platforms and programming languages, with hands-on experience in modern development tools and practices. Capable of managing projects independently and collaborating effectively as part of a high-performing team.

Experience

2021-10 - Current

Software Engineer

Jio Platform Limited, Bangalore

EMS & Manager (May 2022 – June 2022 | JIO-MANAGER)

1. Each application had a dedicated manager responsible for collecting alarms, counters, and configuration data to visualize in the NMS application.
2. NMS (Network Management System) displays complete FCAPs data(configuration, counters ans alarms) for all network nodes.
3. Runtime and startup configuration parameters were managed via the manager and respective nodes, using CLI handlers (Postman) and through the NMS application interface.

NEF : Network Exposure Function (Jan 2023 – Mar 2024)

1. Developed modules using **Core Java** and **Java 8** features.
2. Handled Analytics Exposure CRUD APIs using **RESTful services**, **JSON**, and tested them via Postman.
3. NEF uses **Redis** as the primary data store for caching and session management.
4. Deployed nodes using **Docker containers** to ensure scalability and high availability.
5. Conducted both functional and load testing using CPR, and monitored CPU/memory performance through **JConsole**.
6. Automated deployment and rollback processes using **shell scripts** to upgrade/downgrade node versions efficiently.
7. Utilized **SonarQube** for continuous code quality improvement, identifying and addressing issues early in the development life cycle.

Skills

Elastic Search

Linux

Phabricator

MS Office

MultiThread

Code development

Software development life cycle (SDLC)

Software development

API development

Database management

Agile methodologies

API integration

Project documentation

Languages

English

Telugu [Mother tongue]

Hindi

SON : Self Organizing Network [Apr 2022 - Present]

1. Developed 5G SON modules using **Core Java** and **Java 8**, focused on network quality, and optimized performance with minimal manual intervention.
2. Implemented features for automated Neighbour Addition/Removal[NR & EUTRA] to enhance good user experience.
3. Implemented extensive **CLI commands** for operational tasks such as cell locking & unlocking, retrieving real-time hardware status, GPS data, and other critical board metrics.
4. Enable Software Upgrade mechanism from a single window to PAN India Nodes with provision of rollback to support seamless updates.
5. Collabrated closely with cross-functional teams to align with evolving network requirements.
6. Intergrated **REST API's** within CLI commands to enable seamless interaction with backend services, ensuring realtime data availability and efficient communication with proper retry mechanism and error handling.
7. Utilized **SonarQube** for continuous code quality improvement, identifying and addressing issues early in the development life cycle.
8. Technologies used: Java, RESTful APIs, **Docker**, **ElasticSearch**, Kibana, KeyDB, JSON, and Postman.
9. Database : **Kibana** for storing data and visualization.

Education

2021-07	**B.Tech**

Eluru College of Engineering And Technology - Eluru
I have completed my Engineering with 78.50% marks in Computer Science & Engineering.

- 7.85 GPA/CGPA