

Rupal Neema

📍 Bengaluru ✉ roopalneema08@gmail.com ☎ +91-9893036421 🌐 RupalNeema in rupal-neema

Technical Skills

Languages: Java, C, C++, Python, SQL

Technologies: Spring Boot, Spring MVC, RESTful Microservices, JavaScript, GraphQL, JSON, HTML/CSS, Android SDK.

Databases: PostgreSQL, Cassandra, Hibernate

Tools: IntelliJ IDEA, Maven, Jenkins, Git, Eclipse, Android Studio, Visual Studio Code, Postman, Jira.

Operating Systems: Linux, Windows

Experience

Software Developer 2

Bengaluru, Karnataka

DELL Technologies

Aug 2023

- Developed a backend feature for the VxRail Granada release that generated comprehensive summary reports and charts for end customers, including health, usage, storage, and performance metrics of servers. Leveraged optimized GraphQL queries, RESTful API calls, and database systems to streamline data processing, reducing troubleshooting time by 20.
- Resolved 15+ defects, including 5+ customer-reported issues, by identifying and correcting misinformation in server health scores of server, and addressed cyclic failures in error reporting systems through state validation. These utilized React, TypeScript, and Java, integrating with AWS-based microservices.
- Thrived in a cross-functional environment, independently leading testing efforts in the absence of the support team, ensuring the correctness of new features across different VxRail versions. Implemented JUnit and component test cases for Java and Python VxRail (server) repositories.
- Integrated CI/CD practices during development, utilizing Jenkins for automated builds and GitHub for version control to ensure rapid and error-free deployments.

Software Engineer Intern

Indore, MP

Amstech

Sept 2018 – Mar 2019

- Partnered with senior developers to design and implement RESTful APIs for the Calorie Counter website, enabling dynamic handling of concurrent user queries and delivering detailed nutritional data, including calories and macronutrients for various serving sizes using JavaScript, JSP, web services, JPA, Maven, and Hibernate.
- Designed a custom Android app that leveraged the same APIs used for the website, providing seamless access to calorie and nutritional information on mobile platforms. [Link Here](#) ➡
- Utilized Docker and Kubernetes to containerize and orchestrate components, gaining familiarity with modern deployment pipelines and enhancing operational efficiency.

Education

National Institute of Technology Karnataka, Surathkal

Aug 2021 – May 2023

M.tech in Computer Science and Information Security

GPA: 8.8/10.0

- **Coursework:** Computer Architecture, Advanced Algorithms and Data Structures, Database and Security Systems, Artificial Intelligence and Deep Learning.

Chameli Devi Group Of Institutions, Indore

Aug 2016 – April 2020

Bachelor of Engineering in Information Technology

GPA: 7.8/10.0

- **Coursework:** Computer System Organization, Computer Networks, DSA, DBMS and Operating Systems.

Projects And Publications

Deep Learning architecture for Lung Cancer detection using CT scans

[Link here](#) ➡

- Developed a Deep Learning model that takes Lung CT scans and converts into 3D representations which are processed for the detection and identification of cancerous lung nodules, leveraging advancements in AI.