

SONALI NEHERE

Software Developer Engineer

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PROFESSIONAL SUMMARY:

- Innovative Software Developer with 3 years of expertise in full-stack development using **Java, Spring Boot and Angular**.
 - Skilled in building **Microservices**, developing scalable backend services, optimizing REST APIs and creating dynamic user interfaces.
 - Proficient in **Docker, Elasticsearch, Redis** and **KeyDB** for performance-driven solutions.
 - Passionate about solving complex challenges and enhancing system reliability.
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TECHNICAL SKILLS:

- **Programming Languages:** Java, Python
 - **Backend Technologies:** REST API, Jetty, Spring Boot, Hibernate, JPA
 - **Frontend Technologies:** Angular, HTML, CSS
 - **Databases:** Elasticsearch, Redis, KeyDB, MySQL
 - **Tools & Platforms:** Docker, Jenkins, Kibana, Postman, MobaXterm, VS code, Eclipse, Git
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WORK EXPERIENCE:

Reliance Jio : Software Development Engineer | July 2022 – Present

Projects & Responsibilities:

- **Network Exposure Function (NEF)** — 5G network interface enabling external applications to interact securely.
 - Built **RESTful APIs** in Java using Jetty for 5G node communication and microservices interaction.
 - Integrated **Redis** as a caching layer for faster data retrieval and high-availability clustering.
 - **Containerized** services with Docker for scalability and **automated** CI/CD using Jenkins.
 - **Achievements:** Enhanced API performance, ensured redundancy, and cut deployment time by **30%**.
 - **Backup and Restore (BR)** — Scalable 5G core & RAN node backup/restore system.
 - **Developed** UI components in **Angular** for backup and restore management, global settings, etc.
 - **Built** backend **REST APIs** for backup scheduling and Integrated **Elasticsearch** for real-time data indexing, fast search, optimized query performance across large datasets.
 - **Achievement:** Reduced backup time by **40%** and improved UX for smooth operation.
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RELEVANT PROJECTS:

- **Backend API Development (Java, Spring Boot):** Developed secure APIs with JWT & OAuth2, managed DB with JPA/Hibernate, integrated H2 for rapid testing, handled global exceptions, and used RestTemplate and WebClient for service interaction.
 - **E-commerce Platform (Angular, Firebase):** Developed customer and admin panel, product catalog, cart, user auth, etc with Firebase; deployed live on GitHub Pages.
Live Demo: <https://sonalinehere.github.io/theKalaMart/>
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EDUCATION: 2018 - 2022 | Mumbai University : BE in Computer Science - 80%