

SONALI NEHERE

Software Developer Engineer

<https://www.linkedin.com/in/sonali-nehere-abb18319a/>

<https://leetcode.com/u/sonalinehere/>

Mumbai, India

+91-8104623009

sonalinehere0311@gmail.com

PROFESSIONAL SUMMARY:

- Innovative Software Developer with 3 years of expertise in full-stack development using **Java, Spring Boot, and Angular**.
 - Skilled in building scalable backend services, optimizing 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.
-

TECHNICAL SKILLS:

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

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 with **Jetty** for 5G nodes interactions.
 - 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.
 - **Achievements:** Reduced backup time by **40%** and improved UX for smooth operations.
-

RELEVANT PROJECTS:

- **Backend API Development (Java, Spring Boot):** Built secure APIs with JWT & OAuth2, optimized DB queries, and integrated H2 for rapid testing.
 - **E-commerce Platform (Angular, Firebase):** Developed product catalog, cart, admin panel, and user auth with Firebase; deployed live on GitHub Pages.
Live Demo: <https://sonalinehere.github.io/theKalaMart/>
-

EDUCATION: 2018 - 2022 | Mumbai University : BE in Computer Science - 80%