SONALI NEHERE
Software Developement Engineer
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PROFESSIONAL SUMMARY:

- Innovative Software Developer with over 3 years of experience 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.

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:** Improved UX for smooth operation.

PERSONAL PROJECTS:

- **Journal Management System (Java, Spring Boot, MongoDB):** Developed RESTful APIs to manage users and their journal entries; implemented secure CRUD operations with JWT and role-based authentication, ensuring efficient user data management.
- **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/

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