**SONALI NEHERE** Mumbai, India

**Software Developer** **Engineer** +91-8104623009

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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.

**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

**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.

**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/>

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