

**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.
    - **Achievements:** Reduced backup time by **40%** and improved UX for smooth operations.
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#### 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 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%