Arushi Trivedi

📞 6388760176 ✉ arushitrivedi231@gmail.com 🔗 linkedin.com/in/arushitrivedi

Experience

Standard Chartered Research and Technology India Private Ltd. (SOLV)   Jan 2024 – Present
Specialist (JAVA)

- Played a key role in **revamping two major softline categories**, impacting **3 lakh+** SKUs and improving user experience and operational efficiency by about **30%**.
- Designed and developed **dynamic schema APIs** by storing schema metadata in MongoDB, thereby reducing manual product cataloging errors and improving data validation by **40%**. Also implemented a robust brand management feature for the seamless addition and approval of new brands, reducing brand on-boarding errors.
- Created a validation tooltip feature for bulk upload Excel files, preventing common data entry mistakes and **improving data accuracy** by an estimated **20%**
- Led the successful migration of over **2 lakh+** SKUs across Footwear and Apparel categories to the revamped schema using optimized bulk upload mechanisms, diminishing manual editing efforts by **40%** and **saving 15 hours per week** for the cataloging team.
- Optimized cataloging performance by architecting a Redis Cache implementation for frequently accessed schema and product metadata, accelerating data retrieval speeds by **25%** and facilitating smoother user experiences.
- Developed and **executed critical data migration scripts** that facilitated the smooth transfer of **4 lakh+** existing products to the revamped category structure.
- Assisted in debugging, testing, and optimizing application performance, gaining practical exposure to industry best practices.
- Tech Stack used: **JAVA 8, Spring Boot, REST API, MongoDB, Git, PostgresSQL, Redis**

Technical Skills

Languages: Java, HTML/CSS, JavaScript, SQL
Skills: Object Oriented Programming, DBMS, DSA
Developer Tools: Intellij, VS Code, Git, Bitbucket, Postman, Buildpiper, Github
Technologies/Frameworks: Spring Boot, REST APIs, MongoDB, PostgreSQL

Projects

User Inventory Management System | *Java, Spring Boot, MySQL*

- Engineered a robust **inventory management system** to efficiently track stock levels, and efficiently manage product-details, boosting inventory accuracy by **20%**.
- Collaborated with the team to build automated real-time restock notifications to optimize inventory levels and prevent stockouts, thereby boosting operational efficiency.
- Designed and managed the **MySQL** database schema, improving data retrieval efficiency through indexing and query enhancements by **10%**. **Code**

Children Health Care Foundation | *HTML, CSS, JavaScript, Bootstrap, PHP*

- Developed a responsive web application to facilitate online donations, **integrating payment gateways** (net banking, cards, UPI) to accept funds from various organizations.
- Implemented automated invoice generation and email notifications upon successful payment, improving donor communication and record-keeping. **Code**

Education

Kamla Nehru Institute of Technology   Aug. 2019 – May 2023
Bachelor of Technology in Electronics Engineering   *Sultanpur, Uttar Pradesh*

Girls' High School and College   Apr. 2015 – May 2018
Higher Secondary and Secondary   *Prayagraj, Uttar Pradesh*

Leadership / Extracurricular

OS Volunteer at Bridge the Gap   Oct 2021 – Nov 2022

- Organized sessions on tech-related fields to motivate young budding minds to explore their career paths.

Indian Society for Technical Education   Dec 2019 – June 2023

- Conducted and hosted workshops on **cybersecurity**. **Interviewed an IPS officer, SP Triveni Singh.**