Mimanshu Maheshwari

FULLSTACK DEVELOPER · (JAVA, SPRING, ANGULAR, RUST)

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Full-Stack Developer with 4 years of experience building scalable applications and delivering seamless user experiences. Proficient in back-end development using Rust and Java Spring, and front-end technologies like Angular. Skilled in designing micro-services, implementing REST APIs, and managing cloud-based deployments. Experienced in integrating Generative AI solutions to enhance functionality and drive innovation in product-focused environments.

SKILLS

Programming Languages	Core Java, Rust, JavaScript, TypeScript, Bash, LaTeX, Python, HTML, CSS, SCSS
Frameworks	Spring, Hibernate, Kafka, Maven, Gradle, Prometheus, Poetry, Angular, Bootstrap, Nebular
Databases	MySQL, MSSQL, MongoDB, Neo4J
DevOps Tools	Kubernetes, Docker, Splunk, Grafana, Git, Vim, Linux, CI/CD Pipelines
Gen AI	Langchain, Azure Open AI, Semantic Kernel, Prompt Engineering, RAG

EXPERIENCE

Infosys, *Specialist Programmer* | Remote (Chandigarh, India)   *Oct 2022 - Present*

- Developed **high-performance Spring Boot microservices** for a global retail application, ensuring 99.99% uptime and scalable transaction handling.
- Reduced rule processing times by over 80% through **custom data structures** and optimized database interactions.
- **Improved Database Efficiency**: Reduced query response times and improved scalability by optimizing Hibernate with advanced features like HikariCP connection pooling.
- Implemented **RESTful APIs** for seamless data exchange and enhanced user experience.
- Optimized **Kafka pipelines** for concurrent real-time data processing, ensuring scalability.
- Enhanced system scalability using **containerized microservices** with Docker and Kubernetes.
- Contributed to a **Generative AI project** by designing workflows for automating code modernization using **LangChain and Azure OpenAI**.

Infosys, *System Engineer* | Remote (Chandigarh, India)   *Jan 2021 - Sept 2022*

- Built **Angular front-end applications** integrated with Java microservices for a scalable engagement platform.
- Improved security by implementing **OAuth2.0 authentication** with Keycloak.
- Streamlined AI-driven customer interactions using **AWS services** like Lex and Lambda.
- Enhanced performance by integrating **RxJS for state management** and load-balancing techniques.

PROJECTS

Fusion | Specialist Programmer, *Infosys* (Charter Communications)   *Aug 2024 - Present*
Core Java, Spring Boot, Angular, Kubernetes, Bash, Maven, GitLab, Jira, DocumentDB

- Fusion & SAT are application user interface for SDP Evolution over fallout management. Any orders with(out) problems entered into system will show up in Fusion. Users can search for orders throughout the SDP evolution system and inquire on the order. User with elevated privilages will be able to correct and or retry failed process from the orders.

PriceX | Specialist Programmer, *Infosys* (Walmart)   *Oct 2022 - Aug 2024*
Core Java, Spring Boot, Kafka and Lenses, Kubernetes, Bash, Maven, Git, Jira, MS SQL, Slack, Splunk, Rust

- Pricing Execution is a Next Gen **Consumer Packaged Goods (CPG) Retail and Logistics (CRL)** application. It consumes the records of items, stores at multiple locations by validity, timelines, item types, retail type, offers, departments, availability, requirement, etc. to choose the best possible prices and keep the next best possible prices as auxiliary prices.

Data Lineage | Specialist Programmer, *Infosys*   *Aug 2024 - Dec 2024*
Python, Azure Open AI, Poetry, Git, Generative AI, Langchain, Fast API, Neo4j, PostgreSQL

- Automated data type updates using Neo4j and AI-based code analysis. Designed a framework for diverse codebase compatibility.

Cortex | System Engineer, *Infosys*   *Oct 2022 - Aug 2024*
Core Java, Spring Boot, AWS, Kubernetes, Docker, Git, Azure DevOps (Azure ADO), Angular, HTML, SCSS, TypeScript, Bootstrap, NodeJS

- Infosys Cortex is a **Artificial Intelligence (AI)-driven Customer Engagement Platform** with USP as Plug and Play functionality.

Ahsah
Rust

- Developed 'Ahsah', an optimized Rust-based hashing library implementing SHA-256 and SHA-512, with over 5,300+ downloads on crates.io. Ideal for cryptography and hashing projects requiring high performance.

EDUCATION

Ajay Kumar Garg Engineering College, *B.Tech in Electronics and Communication* | Ghaziabad, Inida   Aug 2016 - Sep 2020