

Debika Basu

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SKILLS

- **Language** : Java, JavaScript
- **Fundamentals** : Data Structure & Algorithms | Object Oriented Programming (OOPs) | DBMS
- **Technologies** : SpringBoot, Maven, Git, Docker, AWS (EC2, ECS, SNS, SQS), REST APIs, Microservices, React
- **Database & ORMs** : MySQL, DynamoDB, Hibernate

EXPERIENCE

6 LIVO TECHNOLOGIES | Software Engineer

January 2025 - Present | Kolkata, India

ViTWO | Java, SpringBoot, Microservices, AWS, Docker, MySQL

- Engineered and maintained 4+ microservices using **Java** and **SpringBoot**, supporting the backend architecture of a cloud native ERP platform with **5K+** daily users.
- Designed **RESTful APIs** and integrated Apache Kafka for asynchronous event-driven communication, reducing cross service response times by **25%**.
- Containerized services using **Docker** and managed deployments through **AWS ECS** on **EC2**, enabling deployments and reducing downtime during releases.
- Leveraged AWS services including **EC2**, **S3**, **DynamoDB**, and **CloudWatch** to build scalable, secure, and cost-efficient cloud native services.
- Tuned data access and schema design in **DynamoDB** to handle high-throughput read/write operations with minimal latency.
- Set up automated CI/CD pipelines using **GitHub Actions** and **AWS CodeBuild**, cutting deployment time by **60%** and ensuring consistent delivery workflows.
- Wrote unit and integration tests with **JUnit** and **Mockito**, achieving over **70%** code coverage and reducing production bugs.

AGNIK INT. PVT LTD | Software Engineer

March 2024 - December 2024 | Kolkata, India

AutoHealth & Vyns | React, ASP.NET, C#, SQL Server

- Utilizing OBD-II trouble codes to improve the car inspection reports generation by **11%** based on several matrices.
- Automated reports comparison mechanism to avoid duplication leads to accurately compute per day unique reports by **33.5%**
- Further optimized pagination & auto filter to reduce the blogs page **load time by 7%** & dynamically configure canonicals per blog for enhanced SEO.
- Added multiple filter units to provide users a comprehensive search capability to get detailed filter-specific reports resulted in **25% increase** in user engagement.

PROJECTS

BankingApp Backend | Java, Spring Boot, Spring Data JPA, REST APIs, MySQL, Maven | [GitHub](#)

- Built a complete banking backend system in SpringBoot with features like account creation, deposit, withdrawal, and fund transfer between users.
- Designed RESTful APIs with Spring Data JPA and MySQL, implementing layered architecture and clean service separation.

E-KartCom | React, Express, NodeJS, Redux, MongoDB | [Live](#) | [GitHub](#)

- Created an eCommerce web app with **React** and **Node.js**, including a secure **Auth Microservice** for user authentication and authorization.
- Implemented efficient order and product management microservice & initiated **Razorpay** for seamless payment processing, and ensuring reliable email notifications using **Mailgun** during server downtime.

EDUCATION

Brainware University

August 2021 - July 2024

B.Tech CSE | CGPA - **9.66**