

ARINDAM DUTTA

Software Engineer at Bosch Global Software Technology

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📍 Bangalore - India

in [Linkedin](#)

🐙 [Github](#)

[My Portfolio](#)

EXPERIENCE

BOSCH ([Certificate](#))

📅 Jan 2024 - Present

📍 Bangalore , India

- Built a scalable backend using Spring Boot, Spring JPA, and Oracle Database, measured by **99.9% uptime** and reliable processing of **50K+ users**, optimized query performance with **pagination, indexing**, and custom repository methods.
- Developed a robust unified **Log Collection Tool** using C# and .NET Framework , enabling analysis of **5 TB of log data** for tracking various tools and licenses usages .
- Acheived **30% increase** in logs processing efficiency by embedding metadata and implemented **history tracking system** for the **5k+** users leading **25% boost** in client satisfaction
- Achieved an **80% reduction in client latency** (from 1s to 200ms) by implementing a **Nodejs based tokenization microservice** to securely upload files to artifactory, and **caching results in a C# application**, which sped up test case execution specification by **80%**.
- Increased project **deployment scalability by 98%** through **Dockerization**, achieving **95% successful image push rate**, and enabled automated **CI/CD deployment pipelines** using Jenkins

OPENTEXT ([Certificate](#))

📅 Feb 2023 - Aug 2023

📍 Bangalore , India

- During my tenure, I worked on **SaaS based Identity Lifecycle Management** product which was offered to **On-Off Cloud Customers**.
- **Optimized frontend performance** by implementing **lazy loading, custom form validation, designing reusable UI components and modular routing**, which led to a **90% reduction in page load time** and improved overall **user experience**.
- **Integrated APIs** and implemented **data-binding** in Angular, resulting in **50% faster data rendering** and a more interactive UI experience across modules.

ACHIEVEMENTS

- Solved **600+ Coding Questions** over [GeekforGeeks](#) and [LeetCode](#) and 5* at [HackerRank](#).
- Awarded **Sabash Kudos** from the Bosch Team for exemplary ownership and delivering impactful project
- Contributed significantly in **BIT YESPLUS+** College Website
- MySQL [Certification](#) in for Data Science.

TECHNICAL SKILLS

- **Frameworks & Libraries**
 - Springboot , JDBC ,Material UI
 - ReactJS, Angular , Nodejs, Expressjs , REST / SOAP
- **Programming Languages**
 - Core Java , C++ , Javascript / Typescript
- **Database**
 - MongoDB, Firebase , MySQL
- **Tool Used**
 - Git, Postman ,Grafana , Prometheus , Datadog, WorkBench

EDUCATION

B.Tech. (Computer Science) - 8.6 CGPA

Bangalore Institute of Technology

📅 2019 - 2023

📍 Bangalore , Karnataka

XII Higher Secondary - 94%

Hem Sheela Model School

📅 2017-2019

📍 Durgapur , West Bengal

X Secondary - 91%

Saint Teresa's School

📅 2017

📍 Bolpur , West Bengal

PROJECTS

SMART BANK

SpringBoot | Hibernate | MySQL | Redis | Kafka | Junit | Docker | Grafana | Prometheus

- Built a **microservices-based banking system** using **Spring Boot, Spring Cloud, Docker**, and **Eureka** to enable **payments** using **mobile, transaction history** and **AI future spend analysis**.
- Enabled **event-driven notifications** with **Kafka**, reducing service coupling and improving system performance and reliability using **Redis caching, Resilience4J circuit breakers**.
- **Prometheus + Grafana** for observability, resulting in enhanced system reliability and real-time monitoring across services.
- Secured services using **OAuth2 and JWT** via an **API Gateway**, enabling robust, token-based authentication and authorization. . [Github](#)

AMAZON 2.0

ReactJs | NodeJs | MongoDB | Firebase

- Designed a customer dashboard allowing easy **add, remove, order tracking and return initiation** and improved visibility of estimated delivery dates for clients.
- Used **Stripe.js** for payment gateway integration.
- Integrated **Firebase's secure authentication and password recovery** features for both users and product sellers, resulting in a **100% increase in successful user logins** across the platform. [Github](#)

MEMORICA

ReactJS | NodeJS | ExpressJS | MongoDB

- Web application that empowers multiple users to perform **CRUD** , cherish and share their memorable experiences in a seamless and captivating way.
- Each memory is assigned with their **unique IDs** through which it can be configured and maintain by user.
- Integrated Music in memory dashboard for good user retention. [Github](#)