

AJAY E R

FULL STACK DEVELOPER

+91 9384585919 | connects.ajay@gmail.com | [LinkedIn](#) | [GitHub](#)

EXPERIENCE

Y-Work | Freelance Project

Jan. 2024 - Mar. 2024

- Led the strategic development of a mall-to-door delivery platform, attaining an impressive 35% cost reduction
- Implemented **caching mechanisms**, reducing database load by 20% and improving response times by 30%
- Streamlined development using **Dockerized** environments and **CI/CD** pipelines, decreasing deployment time by 60%

Stayhopper | Freelance Project

Nov. 2023 - Dec. 2023

- Directed the seamless transition of UAE project's payment gateway to **Mamo Pay**, reducing payment errors by 50%
- Transformed legacy codebases, ensuring optimized reliability and performance to tackle modern digital challenges
- Established **webhook** integration, elevating transaction processing efficiency by 27% and ensuring 99% reliability

Leetcode Tracker | In-house Tool

Sep. 2023 - Oct. 2023

- Developed LeetCode student tracking system, increasing engagement by 53% through daily progress tracking
- Strategically optimized **cron jobs**, cutting server CPU usage by an effective 20% while enhancing system efficiency
- Enhanced database queries, reducing response times by 46%, significantly boosting overall system performance

PROJECTS

Startup Networking Platform

[GitHub](#)

- Crafted **microservices** platform to foster collaboration among investors and founders, enhancing startup connectivity
- Utilized **Kafka** for communication optimization, **Elasticsearch** for advanced search and **Socket.IO** for messaging
- Released **npm** package enhancing microservice security and reusability by 95%, streamlining development workflow
- Achieved 40% deployment time cut with **Kubernetes**, **Docker** and **CI/CD** pipelines, optimizing operational efficiency

Online Toy Store

[Live](#) | [GitHub](#)

- Led the proficient development of an ecommerce platform, ensuring comprehensive functionality and performance
- Implemented robust secure payment gateways using **Razorpay**, significantly bolstering transaction security by 85%
- Established seamless integration of shipping, wallet and inventory APIs, reducing manual effort by 50%
- Increased scalability by 300% through the effective use of **Amazon EC2** for deploying containerized applications

SKILLS

Web Development : JavaScript, TypeScript, Node.js, Express.js, Nest.js, Angular, HTML, CSS, WebSocket

Data & Real-time Tech : MongoDB, PostgreSQL, Elasticsearch, Mongoose, Prisma, Apache Kafka, Redis

DevOps & Tools : Docker, Kubernetes, HTTP, REST, GraphQL, gRPC, GitHub Actions, Jenkins, Jest, Git, GitHub

EDUCATION

MEAN Stack Development

Nov. 2022 - Present

Brototype, Ernakulam

Higher Secondary (Biology Science)

Jun. 2016 - Apr. 2018

GHSS Karimba, Palakkad