

AYUSH TYAGI

Software Development Engineer

7899285919 tyagiaayush855@gmail.com
github.com/ayush-tyagi linkedin.com/in/ayush-tyagi
Portfolio Leetcode Bangalore, India

EXPERIENCE

MTS -2 Backend Developer

AQUERA LABS

04/2024 - Present Bangalore, India

Node.js | Redis | AWS | PostgreSQL | SCIM

- Developed SCIM-based identity integration and HR automation connectors, handling 300K–400K user syncs.
- Built and deployed AWS Lambda solutions using Redis and optimized algorithms, **reducing integration response times by 30–40%**.
- Optimized API interactions and wrote **unit tests with 90%+ code coverage**.

Full Stack Developer Intern

PRAMATA KNOWLEDGE SOLUTIONS

09/2023 - 01/2024 Bangalore, India

Ruby on Rails | React.js | Docker | PostgreSQL | Jenkins | WebSocket

- Built and enhanced contract management solutions using **Ruby on Rails and React.js** with server-side rendering, **improving load times by 10–20%**.
- Applied test-driven development and performance tuning to ensure reliable APIs and high backend efficiency.
- Collaborated with cross-functional teams to deliver scalable, **AI-driven web applications**.

Full Stack Developer Intern

MCKINSEY & COMPANY

01/2023 - 07/2023 Bangalore, India

React.js | Express.js | PostgreSQL | Prisma | Docker | AWS (EKS, ECR) | RabbitMQ

- Built a project templating system that auto-deploys to **AWS EKS**, **reducing setup and deployment overhead** for new services. Integrated RabbitMQ for efficient message queuing improving **real-time communication latency by 25%**, and applied **TDD principles** to ensure robust code quality with over **90% test coverage**.
- Developed a Product Owner dashboard with **React.js, Node.js, and PostgreSQL** to improve data visibility and engagement.

EDUCATION

Bachelor of Engineering

NATIONAL INSTITUTE OF ENGINEERING - 8.8 CGPA

2019 - 2023 Mysore, India

PROJECTS

SOCIAL

Node.js | React.js | Express.js | MongoDB | Socket.io

- Developed a social media platform with **user registration, image sharing**, and friend interactions using Node.js, React.js, and Express.js.

- Implemented personalized feeds, likes, and follow/unfollow features to drive user engagement.
- Utilized MongoDB for data storage and Socket.io for real-time messaging functionality.

SQL Data Warehouse

SQL Server Express | SQL Server Management Studio | Draw.io | Notion

- Designed and implemented a modern data warehouse using **Medallion Architecture** (Bronze, Silver, Gold layers) with **robust ETL pipelines and dimensional modelling** for analytical reporting.
- Delivered SQL-based dashboards providing insights into customer behaviour, product performance, and sales trends.

Flutter Chat App

Node.js | React.js | Express.js | MongoDB | Socket.io

- Developed and deployed a cross-platform real-time chat app using Flutter, Dart, and Firebase, ensuring instant message synchronization and secure user authentication.
- Implemented push notifications and cloud messaging to optimize **real-time communication** and enhance user experience.

SKILLS

Programming Languages

JavaScript | C++ | Python | Ruby

Frontend and Backend Technologies

React.js | HTML | CSS | Material UI | Bootstrap
Node.js | Express.js | Ruby on Rails

IT Constructs

Data Structures and Algorithms | Object Oriented Programming | System Design (LLD)

Cloud & DevOps

AWS (EKS, Lambda, S3, ECR) | Docker | Kubernetes

Tools

RabbitMQ | Prisma | OKTA | Figma | Git | GitHub
| Bitbucket | Jira

Others

Languages: English | Hindi
Sports: Basketball | Table Tennis