

# Ubedurrehman Khan

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## EDUCATION

### Mumbai University

Bachelor of Engineering in Computer Science

Navi Mumbai, India

Aug. 2019 - May 2023

## SKILLS

**Programming Languages:** JavaScript, Java, Typescript, Python, SQL

**Frameworks/Libraries:** React.js, Node.js, Spring Boot, Kafka, RabbitMQ, gRPC, MVC

**Developer Tools & Databases:** Git, AWS, Docker, CI/CD, Kubernetes, Redis, MongoDB, PostgreSQL, MySQL

**Concepts:** Object-Oriented Programming, Data Structures, Operating Systems, System Design

## EXPERIENCE

### Team Lead (Web Development - Volunteer)

May 2024 - present

ADM Education Society

Gurugram

- As Team Lead, led a team of 20 interns to develop the [Maa Foundation website](#), leading to improved user engagement and enhanced functionality.
- Introduced Agile and Scrum methodologies, boosting team productivity and development processes, enhancing adaptability to changing requirements.
- Streamlined deployment processes for scalable & reliable performance, reducing post-deployment issues by 50%.

### Full Stack Developer Intern

Oct. 2022 - March 2023

ADM Education Society

Gurugram

- Developed and optimized ADM Education Society and Renu Healthcare websites.
- Assisted in the deployment process, ensuring the websites were successfully launched and accessible to users.

## PROJECTS

### Expense Tracker | Java, Spring Boot, Python, LongChain Kafka, MySQL, AWS, Docker

[GitHub](#)

- Built a scalable Expense Tracker application using Java and microservices architecture with Spring Boot and Kafka, enabling real-time personal expense tracking.
- Designed an API Gateway to manage and route traffic between microservices. Achieved centralized management for authentication, authorization, and rate limiting, improving response time.
- Utilized ChatMistralAI's LLM service with Langchain to extract transaction information from messages, automating data entry with 95% accuracy and streamlining personal expense tracking.
- Developed a React Native mobile app, hosted backend services on AWS using Docker, and integrated email verification and reminder services.

### Project Management System | Spring Boot, React.js, MySQL, Tailwind, Razorpay

[Link](#) | [GitHub](#)

- Implemented a comprehensive Project Management System, managing real-time project tracking. Integrated JWT authentication and Razorpay payment gateway.
- Architected a responsive front-end interface with React.js and Tailwind CSS, employing Redux for state management, which boosted application performance and reduced page load times.
- Created back-end services, implementing RESTful APIs and Spring Security, achieving 95% accuracy in API data transactions.

### Flight Ticket Management System | Node.js, MySQL, AWS

[GitHub](#)

- Engineered a flight ticket management system using Microservices Architecture, RabbitMQ, and Sequelize.
- Designed a robust API Gateway system to handle over 10,000 incoming requests daily, enhancing system reliability and scalability. Leveraged RabbitMQ for efficient, asynchronous service communication.

### Real-Time Chat App | Node, React, Socket.IO, MongoDB

[Link](#) | [GitHub](#)

- Developed and deployed a real-time chat application using MERN stack and Socket.IO library, achieving over 99% uptime and handling message delivery with less than 100ms latency.