

SAALIK MUBEEN

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Education

Georgia Institute of Technology (Georgia Tech)

Master of Science, MS in Computer Science

Jan 2025

Atlanta, GA, USA

National Institute of Technology, Srinagar

Bachelor of Technology, B.Tech in Civil Engineering

2019 - 2023

Hazratbal Srinagar, J&K

Experience

Arpari

Software Engineer

July 2022 – Dec 2023

New York, USA (Remote)

- As a **founding engineer**, led end-to-end development of critical features for a treasury management platform, enhancing payment workflows and external banking integrations.
- Architected and developed APIs using **Python, Django, and MySQL** to enable seamless fund transfers, contributing to a **23% increase in revenue** in the first quarter.
- Migrated frontend from Django templates to a React.js based single-page application, significantly improving UX by **reducing page reloads by 90%** and providing instant feedback.
- Optimized backend performance, **reducing load times by over 60%** through efficient database management and backend optimizations.
- Refactored the frontend codebase from class-based components to **React Hooks and Context API**, improving maintainability and readability.
- Successfully collaborated with a **global team** while working remotely from India, Asia

Self Employed

Independent Software Consultant

June 2021 – July 2022

- Collaborated with startups globally, transitioning multiple platforms from legacy server side rendered templates to modern **Next.js** and **React.js** single-page applications, improving user experiences and app performance.
- Migrated systems from Node.js REST APIs to **GraphQL**, optimizing API requests and **reducing latency by 50%**.
- Developed cross-platform mobile apps using **React Native** and **Expo**, delivering intuitive user experiences.

Technical Skills

Frontend: JavaScript, Typescript, React, Redux Toolkit, Next.js, React Native, Expo, Apollo Client, Tailwind CSS

Backend: Nodejs, Express.js, Go (Golang), Python, Django, GraphQL, NGINX, GRPC, Django REST framework

Databases: MySQL, PostgreSQL, MongoDB, Redis, Firebase, Mongoose, TypeORM, Prisma

Testing: Jest, Mocha, Chai, Supertest, React Testing Library, Puppeteer, Cypress

DevOps: Git, Linux, Docker, Kubernetes, CI/CD, Travis CI, AWS, Vercel

ML/AI: Pytorch, Matplotlib, Pandas, Numpy, Scikit-Learn

Projects

TalkHouse | *React.js, Node.js, MongoDB, Redux, Typescript, Material UI, webRTC, socket.io, Docker, docker-compose*

- Built a **peer-to-peer video calling and messaging** app with WebRTC, implementing JWT-based authentication, online indicators, typing notifications, and group chats.
- Dockerized the application for easy local deployment and used MongoDB Atlas for database management.
- Scaled to **1,000+ active users**, recognized with **120+ GitHub stars** and **20 forks**.

Ticketing | *Next.js, Express, MongoDB, Typescript, Jest, Docker, Kubernetes, NATS Streaming, Stripe*

- Developed a highly scalable e-commerce platform using **microservices**, enabling real-time ticket sales for live events.
- Architected **7 independent microservices**, each handling distinct functionalities like authentication, orders, payments, and ticket management, with **Docker** containers orchestrated by **Kubernetes**.
- Employed **NATS streaming** event bus for asynchronous, fault-tolerant service-to-service communication, ensuring system resilience even during service failures.
- Integrated **Stripe** for secure, automated payment processing with expiring payment windows managed via Bull.js.
- Achieved **500+ GitHub stars** and **28 forks**, validating the project's complexity and impact within developer community.

PaperHouses | *React, TypeScript, Ant Design, GraphQL, Apollo Client, MongoDB, Apollo Server Express, OAuth*

- Led the development of a rental platform similar to Airbnb with **Google OAuth** integration and **Stripe payments**.
- Implemented real-time chat with **GraphQL Subscriptions** and integrated **Mapbox** for property location displays.