

SAALIK MUBEEN

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Summary

Passionate Fullstack Software Engineer with over **3 years** of experience developing scalable, high-performance applications using modern web technologies. Proficient in **React, Next.js, TypeScript, React Native, Node.js, GraphQL, Python and Django**, with a keen interest in distributed systems, microservices, and cloud infrastructure. Seeking to contribute to innovative platforms that transform data into actionable insights.

Technical Skills

Frontend: HTML, CSS3, JavaScript, Typescript, React.js, Redux, Next.js, Gatsby, Apollo Client

Backend: Nodejs, Express.js, Go (Golang), Python, Django, GraphQL, TypeGraphQL, NGINX, gRPC, Apollo Server

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

DevOPs: AWS (IAM, EC2, ECS, S3, Lambda, DynamoDB, API Gateway, Elastic Beanstalk), Docker, Kubernetes

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

ML/AI: Pytorch, Matplotlib, Pandas, Numpy, scikit-learn, CNNs, RNNs

Tools & Others: Git, WebSockets, OAuth, JWT, SOLID Principles, Microservices Architecture, Distributed Systems

Experience

Arpari

July 2022 – Dec 2023

FullStack Software Engineer

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-based single-page application, significantly improving UX by reducing page reloads 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

June 2021 – July 2022

Independent Software Consultant

- Collaborated with startups globally, transitioning multiple platforms to **Next.js** and **React** single-page applications, improving user experiences and app performance.
- Migrated clients' systems from **Node.js REST APIs to GraphQL**, reducing data-fetching latency and optimizing API requests.
- Developed cross-platform mobile applications using **React Native** and **Expo**, delivering intuitive user experiences across devices.

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.
- Achieved **1,000+ active users** and recognition with **120+ GitHub stars**.

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

- Developed an **event-driven** e-commerce platform using **Next.js, TypeScript, microservices architecture and distributed principles**.

- Built and orchestrated **7 microservices** with Docker and Kubernetes, ensuring system resilience even if a service is down.
- Utilized Docker containers managed by Kubernetes for seamless deployment and orchestration. Used NATS Streaming for service-to-service communication, enhancing scalability and fault tolerance.

[PaperHouses](#) | *React, TypeScript, Ant Design, GraphQL, Apollo Client, MongoDB, Apollo Server Express, OAuth*

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

Open Source Contributions & Recognition

TalkHouse: 120+ stars, 20 forks on GitHub

Ticketing: 500+ stars, 28 forks on GitHub

WhatsApp Lite: A React Native open-source mobile chat app, 50+ stars on GitHub

Goravel: PHP's Laravel like web framework for Gophers, 60+ stars on GitHub

Go GRPC: gRPC backend server written in Go, 50+ stars on GitHub

JavaScript implementation of datastructures and algorithms: 75+ stars on GitHub

Education

Indian Institute of Technology, IIT Delhi

January 2024 – September 2024

PhD, Civil Engineering [Dropped Out]

New Delhi, India

- Engaged in advanced research on Physics Informed Machine Learning (PINNs) and Deep Neural Networks.
- Realized my true passion and calling have always been in software development and computer science, which led me to step away from the program to resume my career in technology.

National Institute of Technology, Srinagar

2019–2023

Bachelor of Technology, B.Tech in Civil Engineering

Hazratbal Srinagar, J&K