

Mabusubhani Shaik | Full Stack Developer

Guntur, Andhra Pradesh, India | mabusubhanishaik566@gmail.com | [9618423849](tel:9618423849)

About Me

Full Stack Developer with **3+ years of production experience** designing and building **scalable SaaS** and consumer applications. **Expert** in **frontend engineering** (**Vue.js, React.js, React Native, Next.js**) and **backend development** (**Node.js, Express, Koa, NestJS**) with strong **TypeScript proficiency**. Designs and implements **RESTful APIs, GraphQL, and real-time systems** (**WebSockets, Socket.io**), with deep experience in **state management** (**Pinia, Redux, Zustand**) and modern **UI libraries** (**ShadCN/ui, MUI, TailwindCSS**). Engineers robust **data layers with PostgreSQL and MongoDB** and implements **cloud-native solutions** (**AWS, Vercel**). Advocates for **microservices architecture** and **DevOps best practices**, leveraging **Git, CI/CD, Docker, and monorepos** in **Agile environments** to ensure **high-performance, maintainable systems**.

Professional Experience

Software Engineer, Buildbot technologies

Vijayawada, Feb 2023 — Present

Key Responsibilities

- **Full-Stack Development:** Built and **scaled web applications** using **Vue.js, React.js, and TypeScript**, with **backend services** in **Node.js** (**Express, NestJS, Fastify, Koa**) following **clean architecture principles**.
- **API & Backend Engineering:** Designed and maintained **RESTful APIs** and **GraphQL APIs** with **JWT authentication, OAuth 2.0, RBAC** (**Role-Based Access Control**), **refresh tokens, and rate limiting**.
- **Real-Time & Asynchronous Systems:** Implemented **real-time communication** using **WebSockets / Socket.io** and **Redis Pub/Sub**, and managed **background processing** with **BullMQ and RabbitMQ** for **scalable systems**.
- **Database & Performance Optimization:** Modeled and optimized **data modeling** in **PostgreSQL, MongoDB, and Redis** using **Prisma, TypeORM, Drizzle ORM, and Mongoose**, ensuring **database performance, data integrity, and query optimization**.
- **DevOps & Integrations:** **Containerized applications** with **Docker and Docker Compose**, automated **CI/CD pipelines** (**GitHub Actions, GitLab CI**), and integrated **third-party services** (**AWS S3, Cloudinary, Twilio, SendGrid, Firebase Cloud Messaging, Google APIs**).
- **Quality Assurance & Agile Collaboration:** Ensured **code quality** through **unit testing and API testing (integration testing)**, and collaborated in **Agile/Scrum teams** using **project management tools** (**Jira, Confluence**) and **version control** (**Git**).

QA Intern, Shandy Systems

Hyderabad, Sept 2022 — Nov 2022

Key Responsibilities:

- Conducted **manual testing** including **functional, UI, smoke, regression, and end-to-end testing** on web applications.
- Created and executed detailed **test cases**, prepared **test data**, and generated **test execution reports**.
- Logged and tracked **defects** using **Jira**; worked closely with developers to verify fixes and perform **regression testing**.
- Ensured **cross-browser compatibility**, usability, and full requirements coverage before every production release.

Education

St. Mary's Group Of Institutions Jawaharlal Nehru
Technological University

Bachelor of Technology

Guntur, Jun 2018 — Jun 2022

Technical Skills

Frontend	React.js, Vue.js, Angular, HTML5, CSS3, TailwindCSS, Bootstrap, ShadCN
Backend	Node.js: Express, NestJS, Koa, Fastify Python: Django, FastAPI
Databases	PostgreSQL, MongoDB ORM/ODM: Drizzle, Prisma, Mongoose,
API & Architecture	REST APIs, GraphQL, JWT/OAuth Authentication, Microservices, Modular Design, WebSockets, Firebase
Tools & DevOps	Docker, Kubernetes, CI/CD (GitHub, GitLab), Git Version Control
Performance & Optimization	Redis Caching, Query Optimization, Scalability, Load Handling

Courses

Python, Naresh IT

Aug 2022 — Nov 2022

Project

Live Projects

- **Feedo** - Platform for organizations to create forms, collect feedback, and analyze insights in real-time. (<https://feedo-ten.vercel.app>)
- **FrameFlix** - Platform for discovering, reviewing, and getting details on movies and series. (<https://frame-flix.vercel.app>)

Ongoing Projects

- **Edulyt** - School administration platform for messaging, attendance, and reporting.
- **Hoursy** - Time-tracking SaaS with real-time dashboards and automated invoicing.
- **Zentri** - Personal finance and budgeting app with spending analytics.

Additional Information

Portfolio Link: <https://mabusubhani-fullstack-portfolio.vercel.app>