

Muhammed Umar Shaikh

Full-Stack Software Developer

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Professional Experience

Software Development Engineer Intern

Rebert Technologies Pvt. Ltd.

Oct 2024 – April 2025

Pune, India

- Engineered **full-stack web applications** using **Agile methodology** serving 2,000+ daily active users
- Architected **RESTful APIs** with Django framework handling 10,000+ requests daily with 99.8% uptime
- Crafted responsive **React.js components** with Tailwind CSS, improving user engagement by 40%
- Optimized **PostgreSQL databases** with complex queries reducing response time by 65%
- Configured **role-based access control (RBAC)** and JWT authentication securing 5,000+ user accounts
- Orchestrated **cross-functional teams** using Git version control and CI/CD pipelines accelerating deployment by 50%

Frontend Developer Intern

ITJOBXS

Aug 2023 – Sept 2023

Pune, India

- Constructed responsive web interfaces using **HTML5, CSS3, JavaScript ES6+** supporting 15+ device types
- Integrated **Google reCAPTCHA API** and deployed bot detection algorithms blocking 95% of malicious traffic
- Established user authentication systems with **PHP backend** and MySQL managing 3,000+ user sessions
- Enhanced web performance through **SEO best practices** achieving 92+ Google PageSpeed score

Technical Skills

Programming Languages: Python, JavaScript (ES6+), Java, TypeScript, PHP, SQL

Frontend Technologies: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Redux, Responsive Design

Backend Frameworks: Django, Django REST Framework, Node.js, Express.js, FastAPI

Databases & APIs: PostgreSQL, MySQL, MongoDB, RESTful APIs, GraphQL, JSON, XML

Cloud & DevOps: AWS (EC2, S3, RDS), Microsoft Azure, Docker, Git, GitHub Actions, CI/CD

Development Tools: Git, VS Code, Postman, Agile/Scrum, Test-Driven Development (TDD)

AI/ML Libraries: Pandas, NumPy, Scikit-learn, Matplotlib, TensorFlow, OpenAI API, Whisper API

Key Projects

MedBot – AI Healthcare Workspace

[GitHub](#)

MongoDB | Express | React (Vite) | Node.js | Llama 4 Maverick | Whisper | ElevenLabs

- Built a secure **MERN healthcare app** with **JWT auth**, **role-based access**, and a **responsive patient-clinician interface**.
- Developed modular **Node/Express APIs** for appointments, prescriptions, and multilingual AI chat backed by MongoDB.
- Integrated **Llama 4 Maverick** with **Whisper STT** and **ElevenLabs TTS** for real-time voice-based medical queries.

Financial Document Analyzer – AI Multi-Agent Platform

[GitHub](#)

React (Vite) | Tailwind CSS | FastAPI | Celery | Redis | PostgreSQL | CrewAI

- Built a **production-ready financial analysis system** with **background processing**, **multi-user support**, and **responsive React (Vite) + Tailwind interface**.
- Developed **FastAPI backend** with **Celery workers** for document uploads, job queuing, and status tracking with PostgreSQL.
- Integrated **CrewAI multi-agent system** for market research and investment recommendations with real-time analysis.

Franz Co – Corporate Web Platform

React.js | SEO Optimization | Performance Tuning

- Architected **high-performance corporate website** supporting **10,000+ monthly visitors** with **modern UI/UX design**
- Launched **content management system** with **dynamic API-driven content** reducing **update time by 70%**
- Achieved **95+ Google PageSpeed score** through **optimization techniques** improving **conversion rate by 25%**

DevStack CLI Tool

[GitHub](#)

Node.js | CLI Development | NPM Package | Open Source

- Created **automated project scaffolding tool** reducing **development setup time by 75%**
- Executed **template engine** with **customizable boilerplates** for **10+ different frameworks**

Education

B.E. Computer Engineering - 8.07 CGPA

Trinity College of Engineering and Research

Pune, Maharashtra

2021 – 2025

Higher Secondary - 80%

S.M. Choksey Jr. College

Pune, Maharashtra

2021