

Muhammed Umar Shaikh

Full-Stack Software Developer

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 muhammedumar.in •  [LinkedIn](#) •  [GitHub](#)

Professional Experience

Software Development Engineer Intern

Rebert Technologies Pvt. Ltd.

Pune, India

Oct 2024 - April 2025

- 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

Pune, India

Aug 2023 - Sept 2023

- 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