Tooba Amir

Backend Developer

✉ toobaamir50@gmail.com   📞 03701183002   📍 North Nazimabad

in https://www.linkedin.com/in/tooba-amir/

EDUCATION

University of Karachi, *Bachelor's in Software Engineering*   01/2020 – 01/2024 | Karachi, Pakistan
Completed a Bachelor's in Software Engineering, building strong development skills and creating an ecommerce platform for local handicraft makers as my Final Year Project.

PROFESSIONAL EXPERIENCE

VativeApps, *Backend Developer*   01/2025 – Present | Karachi, Pakistan
- Deploy and manage backend applications on AWS EC2, including server setup.
- Work with RabbitMQ to implement message queues for background jobs, load distribution, and system scalability.
- Implement caching layers using Redis and containerize services using Docker.
- Use SSH clients like Termius to manage servers, debug issues, and handle live deployments.
- Build and integrate notification systems using Firebase Cloud Messaging (FCM).

Sandstech, *Backend Intern*   10/2024 – 01/2025 | Karachi, Pakistan
- Worked on a project involving job posting, service listings, and hiring workflows.
- Developed backend APIs using Node.js and Express.js with SQL databases.
- Utilized Prisma ORM for schema modeling, migrations, and optimized database queries.

Expertizo, *Mern Intern*   02/2024 – 04/2024 | Karachi, Pakistan
- Built a platform where users could securely connect social media accounts and upload reels directly.
- Developed REST APIs and customizable user templates for a personalized app experience.
- Implemented authentication, authorization, and core backend logic using Node.js, Express.js, React, and MongoDB.

SKILLS

Nodejs, Expressjs, SQL, MongoDB, Prisma, Redis, Docker, Rabbitmq, Bullmq, AWS, Stripe, REST APIs, Agora sdk

PROJECTS

- **Reel App:** Built core features including video uploading, messaging, calling, livestreaming, and a full marketplace for product buying and selling.
- **Food Delivery App:** Implemented a preferred-mode system enabling restaurants and riders to mutually approve each other, affecting how orders are sent and received.
- **Gem Mining & Trading App:** Developed gem-mining logic, coin redemption, gifting, cash-out features, and trading/auction flows with a built-in referral system.