Sahil Ijaz

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PROFESSIONAL SUMMARY

Enthusiastic **Full-Stack Developer** with proven experience in building **scalable, real-time systems** using **Node.js, Next.js, React.js** and beginner expertise in **Nest.js**. Adept at integrating third-party services, deploying on cloud platforms, and collaborating in fast-paced agile teams. Committed to continuous learning and delivering clean, efficient code for impactful backend solutions.

PROFESSIONAL EXPERIENCE

Bridge Zone, Lahore, Pakistan   *July 2024 – Present*
Backend Developer
Mobile app development company specializing in scalable digital solutions.
- Engineered and maintained over 5 real-time backend services with optimized performance.
- Designed scalable architectures using Node.js, Express, and modern backend patterns.
- Integrated services such as **Socket.IO** (real-time), **Stripe** (payments), and **Agora** (video calls).
- Deployed applications on **AWS EC2**, managed media via **S3**, and used **Railway** for staging.
- Coordinated with clients to gather requirements, track issues, and propose backend solutions.

PROJECTS

Anaya: Social media platform for story sharing, messaging, and content discovery with a custom feed algorithm.

Connect Hub: **Full-stack** social media application built with **Next.js** and real-time chat using **Socket.io**.

MulberryTree: Community platform for chefs, users, and farmers to share recipes, courses, and event announcements.

FishScout: Real-time fishing community app with active fishing spots, weather integration, and social features.

CoachMaster-Web: Web app that empowers coaches to strategize, assign roles, and analyze team formations before matches.

MundoSalud: Telehealth platform enabling real-time doctor consultations, appointment scheduling, and admin controls.

Chat App (MERN Stack): Full-featured application supporting real-time messaging.

Hello API (Full Stack): Beginner project exploring Nest.jS architecture, dependency injection, and decorators.

EDUCATION

Bahria University, Lahore, Pakistan   *2023 – 2027*
Bachelor of Information Technology

EXTRACURRICULAR & VOLUNTEER ACTIVITIES

GDGoC – Google Developer Group on Campus (Bahria University)
Speaker at GDGoC Bootcamp. Delivered backend development workshops, encouraging students to explore APIs and cloud platforms.

CERTIFICATIONS

- Learn CSS3 and HTML Development by Building Projects
- Object-Oriented Programming in JavaScript
- Strategic Planning
- Build multimodal GenAi application
- Build RAG applications
- Vector databases for RAG (getting started)
- Develop GenAi applications (getting started)
- Prompt Engineering for ChatGPT

TECHNICAL SKILLS

Languages/Frameworks: Node.js, Nest.js, Express.js, React.js, Next.js, Mongoose
Databases: MongoDB, SQL, PostgreSql
Cloud/DevOps: AWS (EC2, S3, Route 53), Railway, Hostinger, GitHub Actions
Version Control: Git, GitHub

INTERESTS

System Architecture, Real-Time Applications, AI Integration, Open Source, SaaS

LANGUAGES

English (Fluent), Urdu (Native), Punjabi (Fluent)