Muhammad Ahmed Fraz

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G-11/3, Islamabad · Pakistan

FULL STACK DEVELOPER

Experienced and dedicated Full Stack Developer with over 3 years of industry experience. Proven expertise in developing robust and scalable web applications using a wide range of technologies. Successfully contributed to projects at Crimsondevs, Bitsmiths, Xtriton, Circle Technologies, and through various freelance engagements. Adept at solving complex problems, delivering high-quality solutions, and constantly learning new technologies to stay ahead in the field.

PROFESSIONAL SKILLS

- **Programming Languages**: JavaScript, Python
- **Frontend Technologies**: React.js, Next.js, Tailwind CSS, Material UI, ShadCN UI
- **Backend Technologies**: Node.js, NestJS, Express.js, Flask, AWS Lambda, AWS S3, SQL, MongoDB
- **Tools & Platforms**: Docker, AWS, Vercel, Electron.js

PROFESSIONAL EXPERIENCE

CrimsonDevs   **Sept 2023 - June 2024**
Lead Full Stack Software Engineer
- Engineered a comprehensive product with NextJs, NestJS, JWT, AWS S3, Docker, EC2, PostgreSQL, Stripe payment, and role-based authorization.
- Developed an interior design application integrating ComfyUI, Flask, and Next.js, with PayPal payment integration. Project Link

Bitsmiths   **Sep 2023 - Oct 2023**
Full Stack Software Engineer
- Contributed to the development of FlyBasis, a flight booking application using Next.js, Tailwind CSS, Prisma, and Supabase, Next Auth.
- Developed Portfolio Website of the company by using NextJs, ShadcnUI & tailwind https://bitsmiths.dev/

Xtriton   **Aug 2022 - Oct 2022**
Full Stack Software Developer
- Led the migration of EastLaw from SQL to MongoDB using NestJS, handling complex data relationships and ensuring data integrity.

Circle Technologies   **Apr 2022 - June 2022**
Full Stack Software Developer
- Learned and applied SOLID principles, DDD patterns, and advanced architecture design in Node.js.
- Worked on applications implementing authentication and authorization using JWT tokens and TypeORM.

Freelance   **Nov 2022 - Sep 2023**
Full Stack Software Developer
- Developed OrderStork, a food delivery app for the Turkish-German market, using React.js, Material UI, Chakra UI, Node.js, and MongoDB.
- Built a creative ad chatbot MVP for a client using Flask and Node.js for API communication.
- Developed CarsDebate, a car price prediction application using ML, FastAPI, and Next.js.

EDUCATION & CERTIFICATIONS

Bachelor of Science in Computer Science (BSCS)
National University of Sciences and Technology (NUST), Pakistan
2020-2024