

Faisal Amin

Full Stack Engineer

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[LinkedIn](#) | [Portfolio](#) | [Github](#)

SUMMARY

Full-Stack Engineer with **5+ years of experience** building scalable, production-grade web applications and digital products. Experienced in **Next.js**, **Node.js**, and **Python**, with a strong focus on delivering reliable software, modern system architecture, and **AI-powered** solutions that solve real-world business challenges.

PROFESSIONAL EXPERIENCE

IDR Full Stack Engineer

Islamabad
April 2025 - Present

- Develop an enterprise-grade platform using **Next.js** and **FastAPI**, delivering scalable, high-performance solutions for IDR's global expert network.
- Architected and deployed** a client portal across the full delivery pipeline, AWS infrastructure, SQS job processing, SendGrid email, and CI/CD automation.
- Built an internal content management platform using **Payload CMS**, enabling teams to independently manage and publish blog posts, trend reports, and other digital content.

VYRO.AI Frontend Engineer

Islamabad
Dec 2024 - Apr 2025

- Developed logic to inject, extract, and reuse image metadata (**EXIF/XMP**), allowing users to automatically pre-populate editor fields and streamline image regeneration.
- Integrated Strapi Headless CMS** into the Next.js application, enabling non-technical teams to manage dynamic content and **reducing content update cycles by an estimated 30%**.
- Enhanced visual engagement** within the Imagine.Art platform by implementing a highly responsive **Masonry layout** for generated images, improving gallery display efficiency and user browsing experience.

PRODUCTBOX Associate Full Stack Engineer

Peshawar
Sep 2023 - Nov 2024

- Engineered a **proprietary Demo Player** that utilized **event tracking and analytics logic** to capture user behavior, transmitting real-time data to the backend for key business insights and feature prioritization.
- Pioneered **DevOps** practices by implementing **CI/CD** with GitHub Actions and deploying a scalable, highly available video platform on **AWS** (EC2, S3, CloudFront) for fast content delivery.
- Managed the **Node.js backend** for a health and wellness application, handling high-throughput data flows with **message queues** and integrating **Firebase** for real-time data synchronization.

ANTONX
Frontend Developer

Peshawar
Apr 2022 - Aug 2023

- Developed an admin dashboard and **booking system** for MissMeow, a pet grooming platform, streamlining client management and **reducing manual scheduling time** by an **estimated 25%**.
- Developed a real estate SPA with interactive Leaflet maps and real-time database integration, **boosting property listing engagement by 15%**.
- Developed a food ordering web application with intuitive menu exploration, order customization, and integrated **secure payment features** for client restaurants.

ITEC EXPERTS
Frontend Developer

Peshawar
Feb 2021 - Mar 2022

- **Boosted website speed by 35%** by conducting a comprehensive performance audit, implementing advanced caching solutions, and optimizing the codebase of an existing WordPress client site.
- Designed and developed a **custom animation** for a marketing company, delivering engaging visual interactions tailored to their brand identity.
- Enhanced the **User Experience (UX)** and visual layout of a high-traffic news/articles website, improving readability and driving an **estimated 10% increase in on-page time**.

EDUCATION

- **UNIVERSITY OF PESHAWAR**
BS Computer Science (2019-2023) Peshawar, Pakistan
- **Demonstrated technical leadership** by volunteering as a tech speaker, delivering hands-on workshops on modern development practices, including **React**, **GitHub**, and **Agile methodologies**.

SKILLS

- **Frontend:** React, Nextjs, CSS, Tailwind CSS
- **Backend:** Nodejs, Express, FastAPI, Nestjs, REST API, GraphQL
- **Database:** MongoDB, MySQL, Postgres
- **DevOps & Cloud:** AWS, CI/CD, Docker, GitHub Actions
- **AI & Automation:** LLM Integrations (OpenAI, Claude), MCP servers, n8n automation, Claude Code

CERTIFICATIONS

- Advanced React - Meta ([URL](#))
- AWS Cloud Technical Essentials - AWS ([URL](#))
- Generative AI with LLM - DeepLearning.AI ([URL](#))
- Database Management - University of Colorado ([URL](#))