

Barani Institute of Information Technology

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BS Computer Science, GPA: 3.83

6th Road, Rawalpindi
2019 | 2023

Experience

Zaytrics NSTP, Islamabad *Full Stack Developer* *July 2023 | Present*

- Developed a real-time physiotherapy app with pose detection capabilities, aimed at supporting users exercise routines with 25+ exercises to improve form and technique.
- Developed a trading bot that finds arbitrage opportunities in decentralized exchanges and executes trades in 7ms to enhance trading efficiency, though occasionally affected by blockchain delays.
- Managed cloud servers and CI/CD pipelines using a blue-green deployments to ensure reliable deployments with near-zero downtime which lead to more efficient and stable backend operations.

100 Years Thinking Ltd. London, UK (Remote) *Full Stack Developer* *Mar 2025 | Present*

- Developed a trading bot operating on the Solana blockchain, achieving approximately 40% profit through optimized trading strategies.
- Led the blockchain migration of an existing project to Ethereum, resulting in improved transaction speed and enhanced system reliability.
- Improved the performance of an existing copy trading bot by implementing multiprocessing, significantly reducing latency and improving trade execution speed.

eddiHealth New York, USA (Remote) *Full Stack Developer* *July 2024 | Mar 2025*

- Migrated the app to a new architecture which improved app performance, reduced build times and made deployments smoother.
- Maintained the app by focusing on bug fixes, resolving 5 crashes and 10+ lag-inducing issues to deliver a more stable user experience.
- Developed 50+ end-to-end testing workflows, ensuring robust functionality and seamless user interactions across the application.

Skills

Programming Languages JavaScript, TypeScript, Solidity, Python

Frontend Development React, Next.js, React Native, Expo

Backend Development Node.js, Express.js, Nest.js, FastAPI, Firebase, Supabase, Amplify

Databases MongoDB, PostgreSQL, DynamoDB, Chroma, Pinecone

Cloud Services Amazon Web Services, Google Cloud Platform, DigitalOcean, Hetzner

DevOps GitHub Actions, GitLab, CodeMagic, Bitrise, Docker, Ansible, Grafana

AI & LLMs LangChain, LangGraph, Autogen, RAG, N8N

Tools & Technologies PrismaORM, Postman, Nginx, Caddy, PM2, Cursor, Turborepo

Projects

eddi Next.js, React Native, Node.js, Amplify, Bitrise

<https://www.eddihealth.com>

A personal health companion app to make diabetes management fun with interactive animations and rewards. Integrated with Dexcom CGM for real-time glucose tracking so users can monitor their health and earn rewards by completing tasks.

Solana Trading Bot Python, Helius, Hetzner

A high-performance trading bot built for the Solana blockchain that scans decentralized exchanges for arbitrage opportunities and executes profitable trades in real-time. Achieved over 40% return using a custom strategy and optimized performance with multiprocessing and low-latency websockets handling.

WWS Calculator Next.js, Python, FastAPI, LangChain, Shadcn UI

An AI-powered tool designed for use in Dutch regions that reads architectural floorplans to extract space dimensions and features. It calculates the WWS score to help architects quickly evaluate building designs with ease.

MoveWell AI React Native, Node.js, GitHub Actions

A physiotherapy app with real-time pose detection, allowing patients to work out at home and monitor their progress. Collaborated with a physiotherapist to design and implement personalized exercise plans to keep patients motivated.

OurMaids Next.js, React Native, Express.js, GitHub Actions, DigitalOcean

A user-friendly mobile app and web app for OurMaids which simplify house cleaning services by allowing users to manage their cleaning appointments. Integrated with SquareUp payments that enables easy booking and payment for professional cleaning services.

FaithPad React Native, Supabase, Bitrise

FaithPad is a prayer app for the Christian community, offering personalized prayers, scheduling, and daily reminders. It includes audio prayers, weekly sermons, and a space to share testimonies, helping users deepen their spiritual journey and stay connected with their faith.

Sonic AI React Native, Hono.js, GitLab

An AI-powered voice generation app designed for content creators, businesses, and audio professionals. With its intuitive interface, it allows users to seamlessly convert text into natural, high-quality speech in multiple languages, accents, and tones.

Awards

React Native by Meta July 2023

Coursera

Completed the course with a 92% grade, successfully finished the Little Lemon capstone project, and received positive peer feedback for assignments.

From Fundamentals to Advanced AI Engineering March 2025

Udemy

Completed the course covering core AI concepts to advanced applications like LLMs, RAG pipelines, and vector databases. Built hands-on projects with tools like LangChain, OpenAI APIs, and embedding models.

