

MUHAMMAD MUBEEN AFZAL

FULL STACK DEVELOPER

+92 3474463229

Islamabad, Pakistan

mubeenafzal3@gmail.com

[linkedin.com/in/mubeen-afzal-6a2828156](https://www.linkedin.com/in/mubeen-afzal-6a2828156)



SUMMARY

Versatile Full Stack Engineer with extensive experience in frontend development and a strong foundation in backend and cloud technologies. Proficient in modern frameworks like Next.js, React.js, Node.js, and Flutter, with expertise in building Retrieval-Augmented Generation (RAG) applications and cloud infrastructure using Azure Bicep templates and AWS. Skilled at integrating AI-driven solutions, conducting in-depth code reviews, and optimizing performance. Adept at leading projects from ideation to deployment while maintaining high-quality, maintainable code and ensuring seamless user experiences.

EDUCATION

Comsats Islamabad

Bachelor's of Sciences in
Computer Sciences
2017 – 2021

SKILLS

- **Frontend:** React.js, Next.js, Angular, React Native, Styled Components, Material UI, Bootstrap, Tailwind CSS, SCSS
- **Backend:** Node.js (Express, NestJS), FastAPI, REST API, GraphQL, Firebase Functions
- **Databases:** Supabase, MongoDB, Firebase, ChromaDB
- **Mobile Development:** Flutter, Android Native (Java), React Native
- **DevOps & Cloud:** Docker, Git, CI/CD Pipelines, Azure Bicep Templates, Azure Cloud Architecture & Deployments, AWS
- **AI & Data Processing:** Retrieval-Augmented Generation (RAG) Applications, GPT Integration, Web Scraping, AI Chatbots, Data Structuring
- **Real-time Communication:** Socket.io, Agora (Chat & Streaming)
- **Analytics & Monitoring:** Google Tag Manager, Mixpanel, Datadog

EXPERIENCE & PROJECTS

Stealth Startup (Nov 2024 - Present) | Full Stack Engineer

- **AI & RAG Solutions:** Leading development of AI-driven products, including Retrieval-Augmented Generation (RAG) applications and LLM-powered chatbots, to enhance data-driven decision making and user engagement.
- **Tech Stack:** Building scalable services with Next.js, Node.js, and FastAPI for data processing and API endpoints. Databases like Supabase and Chroma
- **Cloud & DevOps:** Designing Azure-based architecture with Docker and Bicep for efficient, repeatable deployments and CI/CD.

Tekrowe Digital (Oct 2021 - Oct 2024) | Full Stack/Mobile Developer

- Developed applications using React.js, Next.js, React Native, Flutter, and Node.js. Designed and optimized application architectures for improved performance and maintainability.
- **BRKZ:** Developed and optimized web and mobile applications using Next.js and Flutter, improving performance and scalability. Implemented advanced web analytics techniques. Led frontend development efforts, ensuring high-quality, scalable, and maintainable UI/UX solutions.
- **Ilara Health:** Architected and structured frontend repositories for modular and maintainable codebases. Led the integration of React.js and Node.js solutions for healthcare applications, enhancing operational efficiency.

The A Web (June 2021 - Sep 2021) | Web/Mobile App Developer

- Developed Android applications using Java.
- Built Frontend UI using React.js and React Native.
- Integrated REST APIs and ensured responsive design across platforms.

Other Works (Freelance)

- Datatera.ai
 - Built an AI-powered platform that transforms files and websites into structured data. Integrated Google Sheets for seamless data storage, retrieval, and updates. Developed and maintained a Chrome extension for enhanced user functionality.
- Enrichify
 - Developed AI-driven data enrichment tools for extracting and structuring information from various sources.
- ZoneZapp
 - Hybrid React Native application that utilizes maps integration for realtime location based updates.