



M JUNAID IQBAL

Software Engineer – Full Stack & AI

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Full Stack & AI Software Engineer with a Bachelor's degree in Computer Science and hands on experience building high performance web and mobile applications. Currently leveraging my expertise at Codainer, I specialize in creating scalable solutions with a focus on user experience, performance optimization, and integrating cutting edge AI workflows and agents. Proven ability to deliver end-to-end solutions, from robust backend APIs with Django/FastAPI to seamless frontend experiences with React Native, Chrome Extensions and React/Next.

Work Experience

Senior Software Developer

[**Arcompsol**](#)

DHA, Lahore

AUG 25 - CURRENT

- Led a team of developers in designing and revamping the 'Surmount' project, delivering a complete redesign within a 2 week deadline.
- Developed two white label solutions, enhancing product versatility and market reach
- Currently engaged in understanding and contributing to the existing backend codebase as well
- Functioning as a Team Lead, guiding project direction and fostering team collaboration

Full Stack Developer, AI Focused

[**Codainer**](#)

Bahria Town, Lahore

SEP 24 - SEP 25

- **Backend Development:** Built scalable APIs and CRUD systems using Django and FastAPI for mobile and web apps
- **Mobile Features:** Delivered in app purchases on iOS & Android using React Native IAP
- **AI Workflows & Agents:**
 - Designed AI workflows for Drug AI (medicine condition checks)
 - Script generation & video matching for ShowCoach
 - Implemented post moderation system for safe community posting.
 - Implemented Podcast Generator workflow
- **Realtime Experiences:** Integrated chatbots with Server-Sent Events (SSE) and WebSockets.
- **Voice & Audio Tech:** Worked with text-to-speech, speech-to-text, and Azure speech services.

Frontend Developer

[**Codainer**](#)

Bahria Town, Lahore

FEB 24 - SEP 24

- Developed a React Native CLI application called ShowCoach, Podify, NotebookLM and DrugAI for Android and IOS.
- Created a Chrome extension for enhanced web functionalities.
- Built an embeddable chatbot widget using React, enabling real-time interaction on various websites.
- Integrated frontend applications with APIs for real-time chat functionalities.
- Led frontend development projects, enhancing team skills and productivity.

Frontend Web Developer

[**Devorium**](#)

Model Town, Lahore

SEP 21 – SEP 23

- Worked on large-scale projects for StudioLabs.
- Translated design concepts into user-friendly web applications.
- Prioritized clean and maintainable code for project sustainability.

- Enhanced web optimization focusing on Core Web Vitals.
- Adapted design styles seamlessly, staying in sync with community trends by transitioning between Ant Design, Chakra UI, and ShadCN, similarly switching from SCSS to Tailwind CSS
- Utilized Turborepo for efficient collaboration and code maintainability.

Education

BS Computer Science

[COMSATS](#)

2019 – 2023

Certifications

[Introduction to LangGraph](#)

Langchain Academy

[Generative AI with Large Language Models](#)

deeplearning.io

[JavaScript Algorithms and Data Structures](#) - 300hrs

freeCodeCamp

[Responsive Web Design](#) - 300hrs

freeCodeCamp

Technologies and Languages

- Languages: JS/TS, Python, Lua, CSS/SCSS
- Technologies: Next.js/React.js, GraphQL, Vue, DOM, Headless CMS, Git as version control, bash/zsh, shell, tmux, vim, Azure TT, React Native, In app purchase,python django rest framework, fastapi, Langchain, Langgraph, OpenAI Agents SDK

Volunteering

- We have built the event site for [TEDx COMSATS](#) as a member of the Web and IT Team.