

# IQRA ASLAM

## SOFTWARE ENGINEER

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### SUMMARY

Web, Blockchain, and AI Developer with 9 months of combined experience building scalable web and mobile applications. Skilled in React Native, Node.js, Express, MongoDB, and Solana blockchain (Rust, Anchor, Web3.js). Currently working on AI-driven solutions using FastAPI, Hugging Face, LLMs, and Elasticsearch. Passionate about delivering user-friendly and innovative digital products.

### EDUCATION

<b>University of the Punjab</b>	<b>2020 – 2024</b>
BS Information Technology	
<b>MBBS Trust Model Higher Secondary School</b>	<b>2018 – 2020</b>
ICS	

### PROFESSIONAL EXPERIENCE

**AI & Full-Stack Developer** **Aug 2025 – Present**

#### ShortClips Application

Developed with **Python and Streamlit** for AI-powered short video generation.  
Integrated **Ollama** for intelligent content creation.  
Used **Pexels, Whisper, and Azure TTS** to add stock videos, subtitles, and realistic voiceovers.

#### TaxEase.AI | Python, Elasticsearch, LLaMA, Next.js, TailwindCSS

Developed an AI-powered tax assistant with RAG-based search on IRS forms.  
Built backend using embeddings + Elasticsearch for semantic Q&A and guided form-filling.  
Designed a modern frontend for document navigation and user-friendly tax guidance.

**Blockchain Web Developer | SabaSoft Games Studio** **Jan 2025 – July**

Developed smart contracts in Rust & Anchor, integrated Web3.js with React frontend.  
Designed backend APIs with Express.js for user and token data management.  
Built MemeHome dApp enabling meme-token creation/trading.

### KEY PROJECTS

#### Ride-Together Android App | React Native, Node.js, Express.js, MongoDB

Developed a **real-time ride-sharing app** with booking & push notifications.  
Built backend APIs with Express.js; integrated MongoDB for ride & user data.

#### Personal Developer Portfolio Website | React, Redux, Node.js, Express.js

Built a full-stack portfolio showcasing projects, blogs, and resume download.  
Developed frontend with React, Redux, Tailwind & Framer Motion for a responsive, animated UI.  
Implemented backend with Node.js & Express.js to handle contact form submissions via Nodemailer.

### Skills

**Frontend** : React.js, React Native, HTML, CSS, JavaScript  
**Backend**: Node.js, Express.js, FastAPI  
**Databases**: MongoDB, MySQL  
**Blockchain**: Solana, Rust, Anchor, Web3.js, Smart Contracts  
**AI Tools**: Hugging Face, LLMs, Embeddings, Elasticsearch  
**Others**: Git, Firebase, Socket.IO, REST APIs