

Jaweria Amir

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🔗 LinkedIn | GitHub | Portfolio

EDUCATION

International Islamic University

Bachelor of Science in Software Engineering

Islamabad, PK

August 2025

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), Python, SQL

Front-End Development: React Native, React.js, Vue.js, Tailwind CSS

Back-End Development: Node.js, Express.js, PostgreSQL, MongoDB, MySQL

Tools & Platforms: Git/GitHub, Postman, Figma, Adobe Creative Suite

PROJECTS

Hunar - Pakistan's First Local Marketplace (Final Year Project)

- Developed a cross-platform mobile app using *React Native (Expo)*, *Node.js + Express* backend with *PostgreSQL*, combining the real-time functionality of Indrive and Fiverr, focused on hyperlocal service booking with geolocation-based matching via *Google Maps API*.
- Implemented *RESTful APIs*, *JWT* authentication, and secure account-to-account messaging using *Socket.io*.
- Designed and optimized responsive UIs in *Figma*, while collaborating in an Agile environment with Git/GitHub.

AI Voice Cloning & Lip-Sync System

- Engineered a deep learning model combining *Tortoise TTS* (an autoregressive transformer-based model) and *Wav2Lip* (GAN-based architecture) to convert text into synthesized speech and generate hyper-realistic videos.
- Utilized *PyTorch*, *transformers*, *torchaudio*, *librosa*, and *OpenCV* to build a modular pipeline.
- Open-sourced the project via *Google Colab* (reproducible for anyone), with full source code hosted on *GitHub*.

WORK EXPERIENCE

Voliom Software Solutions

Fall 2025

AI/ML Intern

- Built AI-powered full-stack applications by integrating LLMs, *Faiss* vector databases, and embedding techniques to enable intelligent search, personalization, and conversational chatbot systems using *FastAPI*.

Inovam Solutions

Summer 2024

Web Developer Intern (*NSTP, NUST, Islamabad*)

- Developed full-stack web apps using *React*, *Vue.js*, and *Node.js* with *MongoDB*, including API integrations.
- Collaborated in Agile teams using Git/GitHub for version control, and Slack for communication.

V Surfaces

Student Software Developer

2022-23

- Designed software architecture, including SRS, UML diagrams, BPE models, and system workflows.

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Freelance Designer

Fiverr, Remote

Graphic Designer on Fiverr

- Provided design services to international clients, maintaining a 5-star rating and 100% client satisfaction rate.

Google Developers Student Clubs IIUI

Islamabad, PK

Graphics Co-Lead

- Led a team of designers, managed end-to-end design production through high-impact visual content.

PROFESSIONAL CERTIFICATIONS

- Introduction to Cloud Computing
- Developing Front-End Apps with React
- Getting Started with Git and GitHub
- Creative Design Domain (NFTP)