



MUHAMMAD ARSLAN MUNAWAR

Software Engineer & Full-Stack Developer

CONTACT

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ADDRESS
E11/2, Islamabad, Pakistan

PORTFOLIO
arslan-portfolio-five.vercel.app

GITHUB
github.com/Arslan13111

LINKEDIN
linkedin.com/in/muhammad-arslan-munawar

TECHNICAL SKILLS

LANGUAGES

PythonJavaC++C#C

JavaScriptPHPSQL

WEB & MOBILE

React.jsHTML/CSSBootstrap

KotlinFirebaseSupabase

MySQLWix

GAME DEV, AR & 3D

UnityUnreal EngineBlender

Lens StudioLinuxGit/GitHub

JSON/XML

DESIGN & CREATIVE

CanvaCapCut

DATA, AI & SECURITY

PandasMatplotlibScikit-learn

AI AgentsLLMs

Penetration TestingKali Linux

Enterprise ArchitectureOOP

LANGUAGES

Urdu / Punjabi	Native
English	C2 / C1

CORE STRENGTHS

- Fast learner & adaptable to new stacks
- Strong problem-solving mindset
- Clear communicator & team player

Software Engineer (Bachelor of Software Engineering, Capital University of Science & Technology, Islamabad) with hands-on project experience across full-stack web development, Android app development, machine learning, AI agents & LLMs, and cybersecurity. Comfortable shipping working products end-to-end, from React/Firebase and Wix web apps to Kotlin mobile apps and multi-agent automation systems, and applying ethical-hacking fundamentals to build more secure software. Known for picking up new tools quickly and communicating clearly in cross-functional teams.

EDUCATION

Bachelor of Software Engineering
Capital University of Science and Technology, Islamabad
Jul 2022 – Jul 2026

F.Sc Pre-Engineering
Punjab Group of Colleges, Chichawatni
Jun 2020 – Jun 2022

EXPERIENCE

Machine Learning InternJul 2025 – Sep 2025
EziTech Institute
Islamabad, Pakistan

- Applied Python-based machine learning techniques to real-world datasets, covering the full pipeline from cleaning to evaluation.
- Handled data preprocessing and exploratory visualization to prepare datasets for model training.
- Built and evaluated ML models using Pandas, Matplotlib, and Scikit-learn, strengthening practical data-science skills.

VolunteerFeb 2025
Alkhidmat Foundation Sahiwal
Sahiwal, Pakistan

- Coordinated relief and educational-outreach activities as part of a community welfare team.
- Organized volunteer schedules and on-ground logistics for multiple events, building teamwork and event-management experience.

SNAPSHOT

5 shipped/ongoing projects spanning mobile AI, automation, e-commerce, AR, and cybersecurity research.

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LINKS

[Portfolio](#)
[GitHub](#)
[LinkedIn](#)

PROJECTS

Axon - AI Voice Assistant (Android)

- Built a native Android voice assistant solo in Kotlin, handling speech recognition, natural-language command parsing, and task execution.
- Designed the end-to-end app architecture single-handedly, from voice input pipeline to on-device response and action handling.

Multi-Agent YouTube Automation System

- Architected a full script-to-upload video automation pipeline using 8-9 specialized AI agents, each responsible for one stage: scripting, voiceover, video generation, thumbnail creation, metadata/SEO, publishing, and analytics tracking.
- Automated the complete content lifecycle end-to-end, removing manual work from idea to published video and post-upload performance reporting.

Next-Gen E-Commerce with AR Try-On — Final Year Project

- Designing an e-commerce platform that integrates both static and live AR try-on experiences, letting shoppers preview products virtually before purchase.
- Combining web/app development with AR integration to tackle a real e-commerce conversion problem as an academic capstone project.

Wix Websites - E-Commerce & Travel

- Designed and delivered Wix-based websites for e-commerce and travel-industry use cases, covering layout, product/booking flows, and branding.
- E-commerce: arslanmunawar1311.wixsite.com/easystore & arslanmunawar1311.wixsite.com/my-site-3
- Travel: arslanmunawar1311.wixsite.com/infinitytravel

Cybersecurity Research Projects

- Conducted independent research applying ethical-hacking and penetration-testing techniques to identify and document security vulnerabilities.

Personal Developer Portfolio

arslan-portfolio-five.vercel.app

- Designed and deployed a personal portfolio site showcasing full-stack, Android, automation, and game-development work.

GitHub - Code Repositories

github.com/Arslan13111

- Source code and version history for Axon, the YouTube automation system, and other personal projects.

ADDITIONAL INFO

- Date of birth: 10/04/2004 | Nationality: Pakistani
- Familiar with Microsoft Office (Word, Excel, PowerPoint) and Adobe Photoshop / Premiere Pro