

FAISAL SUMAYLI

Computer Science Student | Software Development | Linux & Android

Jazan, Saudi Arabia | fhnmafff@gmail.com | +966 53 032 1874

[GitHub](#) | [LinkedIn](#)

Profile

Computer Science student at Jazan University, expected to graduate in 2028. Develops web, Linux desktop, and Android applications, with practical experience in software testing, virtualization, and academic projects. Interested in artificial intelligence, robotics, 3D printing, and assistive technology.

Education

B.Sc. in Computer Science, Jazan University | Expected graduation: 2028

College of Engineering and Computer Science, Jazan, Saudi Arabia

Software projects

ArxDraw | Developer & maintainer | Sep 2026

- Built a TypeScript web workspace on Excalidraw for UML modeling, with tools and editable examples for 10 diagram types.
- Implemented shared class models, relationship editing, project save/open, autosave, and undo/redo.
- Added PlantUML class-diagram import/export, Java code skeleton generation, and model and interchange tests.

QuixShare | Linux fork developer & maintainer | Sep 2026

- Developed an independent Linux file-sharing client from existing Google Nearby and community Linux code, retaining upstream attribution.
- Updated the Qt/QML interface, settings, and desktop integration; fixed Bluetooth, transfer-state, and network-handling issues in C++.
- Added regression tests and updated AppImage packaging and GitHub Actions validation.

Vendroid | Android developer & maintainer | Jul-Sep 2026

- Developed a Kotlin Android app to install, repair, and update Ventoy on external USB drives without root, using Ventoy and EtchDroid components.
- Implemented USB/SCSI storage handling and installation safeguards, with stable MBR support and experimental GPT support in a preview build.
- Added unit tests and Appium/QEMU validation workflows; fixed storage metadata, USB recovery, and installation-dialog issues.

Academic and practical experience

Student developer and project contributor | Jazan University | 2023-present

- **Saudi Sign Language Translator:** Developed an AI accessibility concept for lecture understanding and communication; explored datasets and real-time translation. Top 5, JU Hackathon 2025.
- **Academic LaTeX templates:** Contributed to English graduation-report and exam-paper templates, including structure, headers, tables, and assessment sections.
- **Linux homelab:** Built a Proxmox environment with virtual machines and self-hosted services; configured bridges, NAT, and service access.

Technical skills

Languages: Java, Python, PHP, C++; project experience with TypeScript, Kotlin, QML

Development: HTML, CSS, Laravel, Qt, Android, Git/GitHub, GitHub Actions

Data and systems: MySQL, MariaDB, SQLite, Linux, Proxmox, Docker, virtual machines, networking

Tools: LaTeX, Overleaf, Figma, Cisco Packet Tracer, GNS3

Achievements, certifications and languages

EDUthon 2024: Team received the "Awesome Team" title.

Building Intelligent Applications with AI and ML: Saudi Digital Academy, 2025

Duolingo English Test: 90, CEFR B1 | **Languages:** Arabic, native; English, intermediate