

JAAFAR ABDEEN

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EDUCATION

Arizona State University Tempe, AZ
Bachelor of Science in Computer Science (Cybersecurity) Aug. 2022 – Dec. 2026

EXPERIENCE

Lead Engineer & Product Developer Aug. 2025 – Present
Out There Social Club Tempe, Arizona

- Built full-stack social platform from the ground up with 500+ active users across web and iOS.
- Developed native iOS app using SwiftUI and responsive Next.js web app with manager control interfaces.
- Developed complete infrastructure on Firebase for authentication, real-time data persistence, and cloud functions.
- Integrated Mailerlite for newsletter management and user engagement campaigns.
- Designed and deployed production homepage and marketing site.

Software Engineering Intern (Capstone) Aug. 2025 – Present
Benessere North Remote

- Leading development of web portal using SvelteKit and TailwindCSS for patient and provider workflows.
- Designed role-based access control and audit logging using Drizzle ORM and Cloudflare-backed infrastructure.
- Coordinated architecture and implementation across a multi-developer capstone team, owning core backend and security decisions.

Undergraduate Teaching Assistant Jan. 2025 – Present
Arizona State University Tempe, Arizona

- Assisted in facilitating student learning in propositional and first-order logic, proof techniques, and computational logic applications for *CSE 259 (Logic in Computer Science)*.
- Conducted office hours, exam review sessions, and provided targeted academic support to students.
- Collaborated with instructors to clarify course materials and maintain a productive learning environment.

IT and Software Intern Jul. 2024 – Aug. 2024
Al Ameen Coffee Co. Amman, Jordan

- Managed hardware, NVR systems, and network devices (routers, access points).
- Configured POS systems, installed SQL databases, and maintained Synology NAS.
- Developed a secure PHP-based internal database management system with SQL used in 30+ branches.
- Conducted IT inventory audits and resolved phishing, printer, and device issues.

Intern May 2022 – Aug. 2022
IrisGuard UK Ltd Amman, Jordan

- Resolved 50+ user software issues alongside the technical team.
- Developed an Android app using Kotlin with integrated functionalities.

PROJECTS

Stroke | *SwiftUI, Swift, PDFKit* Feb. 2026 – Present

- Built a local-first iOS Rapid Serial Visual Presentation (RSVP) reader for high-volume text consumption.
- Implemented PDF and EPUB parsing with adjustable reading speeds from 100-1000 WPM.
- Designed focus-first UI with center-anchor text display, session continuity, and chapter navigation.
- Engineered fully offline architecture with on-device storage for privacy-first document handling.

Workouts | *SwiftUI, SwiftData, ActivityKit* Jun. 2025 – Present

- Developed and published a native iOS workout tracking app with fitness analytics and progress visualization.
- Implemented real-time workout sessions with rest timer notifications via ActivityKit Live Activities.
- Integrated CloudKit for cross-device sync and HealthKit for workout metrics.

TECHNICAL SKILLS

Languages: Python, TypeScript, Swift, Java, C/C++, C#, JavaScript, SQL, HTML/CSS, MATLAB

Frameworks: Next.js, React, SwiftUI, Node.js, Express, Flask, SvelteKit, TailwindCSS, AstroJS

Tools: Git, GitHub Actions, Docker, Firebase, PostgreSQL, MongoDB, Cloudflare, Vercel, Linear, Velociraptor, Elastic KQL, Malcolm, Autopsy

Design: Figma, Adobe Suite, Motion Graphics

Spoken Languages: English (Fluent), Arabic (Fluent)