
Ammar Saleh

Software Engineer | Product Builder | Systems Thinker

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Software engineer, product builder, and systems thinker with a B.S. in Computer Science and deep knowledge of user experience (UX). Works across product design, software architecture, accessibility, security, and business operations. Takes a practical approach to understanding user needs, shaping clear interfaces, and designing how systems work together. Experience includes mobile apps, web security tools, and customer-facing services. Connects product and technical decisions, taking ideas from early concepts through development and release with attention to usability and accessibility.

📁 EXPERIENCE & SELECTED PROJECTS

ETalken AAC | Creator & Developer

etalken.com | [App Store](#) | [Google Play](#)

- Created and released the first guided eye-free augmentative and alternative communication (AAC) app for iOS and Android, helping people with speech difficulties communicate.
- Combined personal gestures, tap patterns, visual boards, guided practice, speech output, and a cross-app keyboard.

WeHackU | Product Engineering

wehacku.com

- Designed a web and API security assessment workflow for scoping, ownership verification, testing, and reporting.
- Built reports that show each finding's severity, supporting evidence, impact, and recommended fixes.

EagleEyes | Co-Founder

eagleeyes.live

- Co-founded a camera installation service for homes and businesses; contribute to service delivery, customer support, operations, branding, and supporting technology.

</> TECHNICAL SKILLS

Programming languages: TypeScript, JavaScript, Python, Java, C++, Swift, Kotlin, SQL

Web development: React, Next.js, Angular, Node.js, Express.js, HTML, CSS, Tailwind CSS

Mobile: iOS, Android

Product & UX: UX design, user flows, interaction design, information architecture, usability, accessibility

Databases: PostgreSQL, MySQL, SQLite, MariaDB, Microsoft SQL Server, MongoDB

Backend & APIs: Firebase, Supabase, Resend, REST APIs, webhooks

Platforms: Vercel, Railway, Linux

Developer tools: Git, GitHub, GitHub Actions, CI/CD

Security: Authentication, access control, secure coding, web security, API security

Software & AI: AI optimization, system design, database design, object-oriented design, data structures, algorithms

🎓 EDUCATION & CERTIFICATIONS

Bachelor of Science in Computer Science | Western Governors University

WGU Certificate: AI Optimization Developer | Western Governors University

WGU Certificate: Java Developer | Western Governors University

Linux Essentials Certification | Linux Professional Institute (LPI)

ITIL 4 Foundation | PeopleCert

Spoken languages: English, Arabic

📖 SELECTED WRITING

The Efficiency Hand | Author

theefficiencyhand.online

Wrote a framework for evaluating how systems improve, considering avoidable effort, the cost of change, resource use, and capacity limits.