

# Yazeed Fadi **AlKhalaf**

SOFTWARE ENGINEER

Riyadh, Saudi Arabia

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## Summary

Software Engineer with 3+ years of experience delivering production systems in FinTech and geospatial platforms. Skilled in Go, PostgreSQL, and distributed architectures, with additional expertise in Flutter and UI frameworks. Focused on backend development, scalable APIs, and high-performance data workflows, with a strong record of improving performance, reliability, and user impact across products.

## Education

### Al Yamamah University (YU)

Riyadh, Saudi Arabia

BACHELOR OF SCIENCE, SOFTWARE ENGINEERING

Aug 2022 – Dec 2025 (expected)

- Maintaining a cumulative GPA of 3.93/4.00, expected graduation in December 2025
- Consistently named to the Dean's List for academic excellence
- Awarded 50% merit-based scholarship upon admission, highest available scholarship
- Granted additional 30% scholarship in March 2024 for developing the official university app
- Developed the official university app, adopted by thousands of students (1700+ users, ★ 4.7 rating), later officially endorsed by the university

## Experience

### HudHud Maps

Riyadh, Saudi Arabia

SOFTWARE ENGINEER – FULL TIME

Jun 2025 – Present

- Optimized search performance, achieving sub-second latency through improvements in query handling and indexing
- Developed Slack integrations, review pipelines, and automated workflows to strengthen POI data quality and operational efficiency
- Automated and productionized data processing jobs, ensuring fresh and reliable geospatial data for search features
- Collaborated with senior leadership and principal engineer to shape technical designs and translate product ideas into production features

### Rekaz, Rize

Riyadh, Saudi Arabia

SOFTWARE ENGINEER – PART TIME / CONSULTING ENGAGEMENTS

Nov 2024 – May 2025

- Rekaz: improved reservation UX and secured internal infra with Tailscale; initiated SwiftUI rewrite of mobile storefront for better performance
- Rize: automated Ejar data sync via custom Python client; set up CI/CD pipelines with Bitbucket and Codemagic to streamline releases

### Tweeq

Riyadh, Saudi Arabia

SOFTWARE ENGINEER – PART TIME

Sep 2021 – Nov 2024

- Grew from Flutter intern to core contributor in a leading FinTech startup
- Built and maintained production Flutter features at scale, supporting thousands of customers
- Improved mobile reliability by raising automated test coverage from 11% to 85%
- Contributed to Golang backend services and participated in distributed systems discussions
- Enhanced CI/CD pipelines across mobile and backend stacks
- Mentored new engineers during onboarding and guided them in adopting team workflows
- Authored public blog posts on mobile development best practices to share knowledge with a wider engineering community

## Honors & Awards

### Maysam Award, Saudi Open Source Summit

Riyadh, Saudi Arabia

FIRST PLACE — INDIVIDUALS TRACK

Feb 2024

- Recognized for developing the "Al Yamamah" University App, adopted by thousands of students.
- Award highlighted impact in open-source and practical student solutions.

### World's Largest Hackathon

Jeddah, Saudi Arabia

GUINNESS WORLD RECORD HOLDER

Aug 2018

- Official Guinness World Record participation for the world's largest hackathon event.
- Collaborated with thousands of developers in a 3-day coding marathon.

# Projects

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## Erbut

Web App / Platform

CO-FOUNDER & LEAD BACKEND DEVELOPER

Oct 2023 – Jan 2025

- Website link: <https://erbut.me>
- Built and scaled a multi-tenant link-in-bio SaaS, serving subdomain-based user traffic
- Developed a Go backend with gRPC and REST APIs, supported by a scalable PostgreSQL schema
- Integrated Lemon Squeezy payments and Apple Wallet Passes API for monetization
- Deployed production workloads via Docker containers and Coolify continuous delivery on a dedicated VM
- Implemented analytics with PostHog and Grafana dashboards to monitor business metrics
- Developed the frontend with React, using gRPC over HTTP/2 for efficient communication

## Al Yamamah University App

Mobile App

CREATOR

Aug 2023 – Present

- Landing page link: <https://yu.alkhalaf.dev>
- Launched as a student-built app, reaching 1,700+ users (50%+ of the student body) prior to official university adoption
- Official adoption by the university led to an additional scholarship award
- Continued growth to 3,400+ active users with a 4.7★ App Store rating across 100+ reviews

## Flutter Installer

Open Source GitHub Project

CREATOR

Jul 2020 – Jan 2022

- Repository link: [https://github.com/YazeedAlKhalaf/Flutter\\_Installer](https://github.com/YazeedAlKhalaf/Flutter_Installer)
- Created an open-source cross-platform installer for Flutter and required tooling
- Gained 425+ GitHub stars and adoption by developers across macOS, Linux, and Windows

## Subha

Mobile App

CREATOR

Sep 2023 – Present

- App link: <https://apps.apple.com/sa/app/id6469493521>
- Built a native iOS app with SwiftUI to enhance the tasbeeh (prayer) experience
- Added speech recognition for hands-free counting and iCloud sync for cross-device stats

# Writing

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## How We Do Mobile Deployments and Releases at Tweeq

Medium Blog Post

AUTHOR

2024

- Wrote a detailed engineering post explaining Tweeq's approach to mobile deployments and release management, sharing best practices with the wider developer community
- Blog link: <https://medium.com/tweeq-engineering/how-we-do-mobile-deployments-and-releases-at-tweeq-56b9e96d8eeb>

# Extracurricular

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## Al Yamamah University

Riyadh, Saudi Arabia

GOOGLE DEVELOPER STUDENT CLUB (GDSC) LEAD AND MENTOR

2022 – 2024

- Led the GDSC chapter starting freshman year, building it into an active developer community
- Organized React JS workshops and launched the Desert Code Oasis competition
- Secured funding from the Dean of Engineering to sponsor competition prizes and support initiatives
- Revamped the Tuwaiq classrooms project for greater scalability and usability
- Restructured the club with a clear organizational chart and defined roles
- Mentored the incoming GDSC Lead to ensure smooth leadership transition