

Iheb Barrah

Mobile & Web Application Developer

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Professional profile

Flutter developer with 3+ years of hands-on experience building cross-platform mobile and web applications. Strong focus on performance, maintainable architecture and delivering user-centered features. Seeking English-speaking opportunities in Germany within software engineering and mobile/web development teams.

Work experience

Full-stack Developer Intern — ANOHA

Jan 2025 – Jun 2025

Built a cross-platform inspection management system using Flutter and an Angular admin panel. The web frontend is deployed on AWS S3 while the backend services run on Render. Designed and implemented REST APIs with Node.js/Express and MongoDB. Collaborated with QA and product owners in Agile sprints.

Frontend Flutter Developer Intern — EXCELLIA Solutions

Aug 2024 – Sep 2024

Developed responsive Flutter UI components using GetX for state management and created reusable widgets focused on performance and accessibility. The product was launched to production as the IZI payment mobile app (IZI — Zitouna Bank). Participated in integration and production rollout activities.

Flutter Developer Intern — TEK-UP

Jul 2024

Built a ride-pooling mobile app validated by TEK-UP as part of the internship requirements. Implemented real-time location updates and reactive state management with GetX.

Web Developer Intern — Ministry of Finance

Jan 2021 – Jun 2021

Developed a Angular dashboard to monitor network usage and system metrics. Improved UI usability (analytics-driven) and reinforced security and database handling.

Projects

- **Chess B'Tounsi** — Tunisian-themed chess app with AI opponent, multiplayer. includes local humor and memes. (Tech: Flutter, Node.js, Express, MongoDB).
- **Ride Share** — Carpooling app connecting users for shared rides. backend deployed on Render and uses MongoDB. (Tech: Flutter, Node.js, Express, Render, MongoDB).
- **Geo Quest** — Geography quiz app with Firebase-backed leaderboards and authentication. (Tech: Flutter, Firebase).
- **Chess Timer** — Customizable chess timer app with GetX state management. (Tech: Flutter).
- **Cally** — Random 10-minute voice-matching social app with animated UI. (Tech: Flutter).
- **Kwikmart** — Real-time collaborative grocery list with Firebase backend. (Tech: Flutter, Firebase).

- **CarGo** — Car rental app with Firebase Auth and Firestore. (Tech: Flutter, Firebase).
- **Explore Ease** — Travel discovery and itinerary app with filtering and reviews. (Tech: Flutter, Node.js, MongoDB).
- **Jokify** — Joke-sharing app built with Java and Firebase. (Tech: Java, Firebase).

Skills

- **Programming:** Dart, JavaScript, Python, Java
- **Frameworks:** Flutter, GetX, Angular, Express.js, Node.js
- **Cloud & Deployment:** AWS, Render, Firebase, CI/CD
- **Tools:** Git, VS Code, Android Studio, Postman, Docker
- **Soft skills:** Agile, problem solving, UX mindset, communication

Education

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|---|-----------------------|
| Exchange Student — Philipps-Universität Marburg Exchange semester focused on software engineering courses. | <i>2025 – Present</i> |
| Exchange Student — Hochschule Schmalkalden Short exchange program / coursework. | <i>2025</i> |
| IT Engineering Degree — TEK-UP Graduated with specialization in software engineering. | <i>2022 – 2025</i> |
| Bachelor's in Computer Science — Central University Fundamental coursework in algorithms, databases, and software design. | <i>2018 – 2021</i> |
| High School Diploma — El Ouardia High School General secondary education. | <i>2016</i> |

Certificates

- onSET English Certificate (B2)
- 21st Century Skills Certificate
- Microsoft Office Specialist

Languages

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|---------|--------|
| Arabic | Native |
| English | B2 |
| French | B1 |
| German | A1 |