AHMED .K

Full Stack Software Engineer | Bachelor's Software Engineering
Porto, Portugal
linktoahmedkhalil@gmail.com | +351 929 300 466
GitHub | LinkedIn

PROFESSIONAL SUMMARY

Full Stack Engineer with 4+ years in React, Next.js, TypeScript, Node.js, Python APIs, and AWS (EC2, ECR, CodeBuild). Expert in Docker containerization, GitHub Actions CI/CD, RESTful services, PostgreSQL/Redis, and Agile teams. Delivered scalable platforms for 500k+ users and IoT/AI startups. Strong UX focus, Figma-to-React, JWT auth, and generative AI for productivity.

TECHNICAL SKILLS

Core: React, Next.js, TypeScript, JavaScript (ES6+), Node.js, Python (FastAPI), REST APIs
Cloud/DevOps: AWS (EC2, ECR, CodeBuild, S3), Docker, GitHub Actions CI/CD, Nginx
Databases: PostgreSQL, MySQL, Redis, Firebase
Tools: Redux, Sentry, Jest, Figma, Swagger, Jira, Agile/Scrum, JWT/OAuth 2.0
Other: Stripe API, AI/ML Integration, IoT (ESP-32), WordPress, Shopify, Jira, Asana

---

PROFESSIONAL EXPERIENCE

Kyniska Lda – Full Stack Engineer
Jan 2024 – Present | Porto, Portugal

- Led end-to-end development of a **workforce management platform** using React, Node.js, TypeScript, PostgreSQL, Redis, and AWS.
- Designed and deployed **role-based dashboards**, exportable analytics (CSV/PDF), and **real-time notifications** (email, WhatsApp).
- Created automated **CI/CD pipelines** and implemented **Sentry** for error tracking and performance monitoring.
- Contributed to architecture design for **AWS-based scaling and containerization (Docker)**.
- Delivered multiple client MVPs using React, Next.js, and Python with a strong focus on performance and reliability.

Numu, Spain – Full Stack Software Engineer
Jun 2022 – Feb 2024

- Developed and maintained a **microservices-based platform** serving 500k+ users.
- Migrated from **MySQL → PostgreSQL** and **React → Next.js** to enhance scalability and UX.
- Built **payment scheduling and report generation systems** using Node.js, Redis, and Bull.js.
- Implemented **Stripe API** for subscription handling and transaction management.
- Delivered **CI/CD automation** for continuous deployment and testing pipelines (GitHub Actions).
- Maintained 99% uptime across services through optimized queries and real-time monitoring.

Bahria Pvt. Ltd – Software Developer
Sep 2021 – Jun 2022 | Islamabad, Pakistan

- Built an **HR management system** using React, Node.js, and TypeScript with workflow automation.
- Designed and implemented a **construction approval portal** using Spring Boot and MySQL.
- Developed and customized **WordPress plugins** for internal and client-facing portals.
- Ensured responsive, accessible UI by translating Figma designs into **reusable React components**.

PROJECTS

Founder – SEMS AI & IoT Energy Monitoring App
https://semspak.me/ | *2024 – Present*

- Developed an Android app using **React Native** and **IoT** for real-time energy tracking.
- Implemented **AI-based usage prediction** and event-triggered alerts (Firebase).
- Awarded and incubated at the **National Incubation Center for Aerospace Technologies**.
- Runner up **P@SHA ICT** award of the year.

Tickify IO (Australian Startup)
https://tickify.io/ | *2025 – Present*

- Built a **full-stack platform for event management and ticketing** using **Next.js,Flutter, Node.js, PostgreSQL, and Stripe**.
- Implemented **secure payment processing** with Stripe and **unique QR-based ticketing** for attendee verification.
- Developed real-time dashboards for event analytics, ticket validation, and refund handling.
- Deployed on AWS with CI/CD automation for rapid, reliable releases.

EDUCATION

Bachelor of Software Engineering – COMSATS University Islamabad (2017–2021)
Relevant Coursework: Database Design, Algorithms, Software Requirements, AI Fundamentals, Data Visualization

---

CERTIFICATIONS

- **Agile Project Management** – Google (Coursera)
- **IELTS C1** – British Council