AHMED .K

Full Stack Software Engineer | Bachelor's Software Engineering

Porto, Portugal

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[GitHub](#) | [LinkedIn](#)

PROFESSIONAL SUMMARY

Full Stack Software Engineer with 3+ years of experience designing, developing, and deploying scalable web and mobile applications. Specialized in **TypeScript, React, Node.js, and AWS**, with hands-on experience in **Stripe payment integrations**, **CI/CD pipelines**, and **distributed system design**. Proven success delivering production-grade systems for startups and enterprise clients across multiple industries. Focused on writing clean, testable code and ensuring maintainability in fast-paced agile environments.

TECHNICAL SKILLS

Languages & Frameworks: TypeScript, JavaScript (ES6+), React, Next.js, Node.js, Express, React Native, Python, Java, C++

Databases: PostgreSQL, MySQL, Redis, Firebase

Cloud & DevOps: AWS,Docker, GitHub Actions, CI/CD, Bash, Swagger, Postman

Tools & Libraries: Redux, Material-UI, Shadcn UI, Bull.js, Sentry, Vosk, Jest, Mocha, Agile/Scrum

Other: Stripe API, AI/ML Integration, IoT (ESP-32), WordPress, Shopify, Jira, Asana

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PROFESSIONAL EXPERIENCE

Kyniska Lda – Team Lead / 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
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