AHMED .K

Full Stack Software Engineer | Bachelor's Software Engineering
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GitHub | LinkedIn

PROFESSIONAL SUMMARY

Full Stack Software Engineer with 4 years of experience designing, developing, and deploying scalable web and mobile applications. Proven track record of delivering complex systems from concept to production for large-scale enterprises, international startups, and personal ventures. Skilled in React, Next.js, Node.js, PostgreSQL, and AWS, with expertise in optimizing performance, implementing CI/CD pipelines, and building user-focused products.

TECHNICAL SKILLS

Languages & Frameworks: JavaScript (ES6+), HTML, CSS, React, Next.js, React Native, Node.js, Express, Spring Boot, Python, Java, C++
Databases: MySQL, PostgreSQL, Redis, Firebase
Cloud & DevOps: AWS, Git, GitHub Actions, Docker, CI/CD, Bash, Swagger, Postman
Tools & Libraries: Redux, Shadcn UI, Material-UI, Bull.js, Vosk, Sentry, Agile/Scrum
Other: AI/ML integration, IoT (ESP-32), WordPress, Jira, Asana, Co-pilot, Cursor

PROFESSIONAL EXPERIENCE

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

- Led development of a **workforce management and planning system** from scratch to production using React, Node.js, PostgreSQL, Redis, AWS, and Material-UI.
- Built **role-based dashboards** with export options (CSV, PDF) and event-based notifications via email and WhatsApp.
- Created automated CI/CD pipelines, and implemented Sentry for real-time error monitoring.
- Developed multilingual **meeting recording mobile app** (React Native + Vosk) with real-time captions, AI-generated summaries (OpenAI, Python backend).
- Delivered multiple MVPs and websites for startups using React, Next.js, Python, and WordPress.

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

- Converted Figma/wireframes into production-ready **React/Next.js components**.
- Served a **user base of 500k+** with optimized database queries and smooth UI/UX.
- Developed dashboards with **downloadable reports** and **payment scheduling** with real-time notifications (Node.js, Redis, Bull.js).
- Migrated MySQL to PostgreSQL and React to Next.js for scalability and performance.
- Maintained **99% uptime** across microservices-based architecture.

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

- Built an **internal HR management platform** to automate workflows using React, Node.js, and MySQL.
- Developed a **construction design approval portal** with Spring Boot backend and MySQL.
- Translated Figma designs into responsive, reusable React components.

PROJECTS

Founder – SEMS AI & IoT Energy Monitoring App https://semspk.github.io/
2024 – Present

- Developed Android app (React Native) with **IoT integration** (ESP-32, C++) to monitor electricity usage in real time.
- Implemented **AI-based usage prediction** and event-triggered notifications via Firebase.
- Won **National Award**, incubated at **National Software Technology Park** and **National Incubation Center for Aerospace Technologies**.

EDUCATION

Bachelors Software Engineering – COMSATS University Islamabad (2017–2021)
Relevant Coursework: Database Design, Software Requirement Engineering, AI Fundamentals, Discrete Structures, Design & Analysis of Algorithms, Data Science & Visualization

CERTIFICATIONS

- Agile Project Management – Google (Coursera)

- IELTS C1 – British Council