Ahmad Al Mezaal, Senior Software Engineer

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LINKS
LinkedIn, Portfolio, GitHub, Medium

PROFILE
Senior Software Engineer with extensive experience building and scaling backend and full-stack systems in high-growth startup environments. Proven track record in fintech and open banking, delivering secure, high-performance APIs, event-driven architectures, and seamless third-party integrations. Adept at designing resilient cloud-native systems with AWS, Infrastructure as Code, and CI/CD, while collaborating closely with product teams to deliver customer-focused solutions. Skilled at adapting quickly to new technologies, optimising performance at scale, and driving projects from concept to production.

EMPLOYMENT HISTORY

Aug 2024 — Present

Senior Software Engineer, Shuffle Finance LTD
London

- Built scalable APIs for Open Banking integrations, processing 10M+ transactions/month at 99.99% uptime, powering customer rewards and insights.
- Designed deduplication and enrichment pipelines that increased transaction data accuracy by 35% and reduced inconsistencies across providers, improving trust in user-facing insights.
- Introduced a hybrid serverless + containerised architecture, cutting infra costs by 20% and boosting throughput by 40%, which enabled faster onboarding of new banks.
- Implemented monitoring, alerting, and automated tests that reduced incident response time from hours to minutes, improving product reliability for end users.
- Collaborated with product/design to prioritise features, ensuring engineering decisions directly supported faster feature delivery and higher customer satisfaction.

Apr 2022 — Aug 2024

Lead Software Engineer, ZIM Connections LTD
London

- Led a team of 3 developers, increasing feature delivery velocity by 40% by implementing agile sprint management and a streamlined code review process.
- Architected backend services and React Native apps, scaling to 100k+ users worldwide, improving customer experience and supporting business growth.
- Optimised Postgres and MongoDB queries, reducing API response times by up to 50%, which improved app performance and user retention.
- Integrated Stripe payments and eSIM provider APIs, enabling 200k+ secure, reliable transactions, ensuring a seamless customer experience.
- Built CI/CD pipelines and automated testing frameworks, accelerating release cycles by 70% and reducing regression issues, which allowed faster rollout of new user features.
- Partnered with investors and providers, aligning technical delivery with business goals and shaping product roadmap decisions.

Sep 2021 — Apr 2022

Full-Stack Engineer, ZIM Connections LTD
London

- Built and maintained scalable applications with Node.js, React.js, and React Native, following best practices for performance, maintainability, and security.
- Improved API response times by 30% through advanced database indexing and query optimisations, directly enhancing app performance and retention.
- Integrated multiple third-party APIs (auth, eSIM, payments), ensuring secure data exchange and seamless cross-platform user journeys.
- Established a robust testing framework (Jest), raising unit test coverage to 80% for core backend services and reducing post-deployment bugs by 40%.
- Ensured smooth deployments and uptime via CI/CD pipelines, automated workflows, and infra monitoring, reducing release friction.

Jan 2021 — Dec 2021

Product Engineer (Open Source), Athena Group of Companies

- Delivered 25+ product and performance enhancements to a crypto-focused social platform — including minting posts, optimised pagination, and real-time chat with React Native — driving a 10% uplift in user retention and engagement.
- Reverse-engineered external APIs and integrated them into the platform, unlocking new functionality that boosted daily active users by 20%.
- Partnered with the founder and early community to design, validate, and launch new features, aligning product growth with user needs.
- Led testing, debugging, and release cycles to stabilise performance and scale mobile features, ensuring smoother cross-platform experience.

Jul 2020 — Jan 2021	**Mobile Developer, HelloTree**	Jounieh

- Built and launched 4 client-facing web and mobile apps with React, React Native, and Redux, accelerating delivery for media and maritime sector clients.
- Optimised a React Native app for the sailing industry, reducing load times by 30% and improving navigation fluidity.
- Collaborated with clients and design teams to refine requirements and deliver features that boosted adoption and customer satisfaction.

Aug 2019 — Jul 2020	**Lecturer, Geek express**	Beirut

- Delivered hands-on coding instruction in HTML, CSS, JavaScript & Bootstrap, helping students build real-world responsive websites.
- Guided project-based learning, boosting project completion rates by 25%+ through practical mentorship and debugging support.
- Designed structured lesson plans and troubleshooting guides that improved learner satisfaction and reduced dropout rates.

Jan 2019 — Aug 2019	**Mobile Developer, Helpdose**

- Built and maintained mobile applications with React Native and Expo Go, ensuring reliable performance across iOS and Android.
- Collaborated with product and design teams to translate requirements into functional features, improving usability and engagement.
- Optimised existing app features and fixed bugs, contributing to a smoother, more consistent user experience.

EDUCATION

Feb 2018 — Jun 2021	**Bachelor's degree in Computer Science, American University of Science & Technology**	Beirut

SKILLS

Cloud & DevOps: AWS (Lambda, API Gateway, SQS, S3, RDS, DMS, DynamoDB, CloudFormation, CloudWatch), Docker, ECS/EKS, Kubernetes, Terraform, CI/CD

Fintech: Open Banking integrations, Payment gateways

Familiar with: Java, Python (academic & side projects)

Frontend & Mobile: React, React Native, Redux

Backend: Node.js (Express/Nest), TypeScript, PostgreSQL, MongoDB

CERTIFICATIONS

Dec 2022 — Mar 2023	**DevOps & Cloud (Docker, Kubernetes, Terraform, Ansible) — Simplilearn**

LANGUAGES

English	Highly proficient	Spanish	A2
Arabic	Native speaker	German	A1