

Hamza Amayreh

Remote Software Engineer | Saudi/GCC startups, cloud, integrations, and product delivery

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Software engineer with 9 years of experience building production systems for business communication, e-commerce, ERP, research, and operational workflows. Strong around Java/Kotlin/Spring Boot, GCP, GitHub Actions CI/CD, PostgreSQL/Redis, WhatsApp Business API, e-commerce integrations, and automation. Comfortable crossing backend, frontend, databases, cloud, and product work when lean teams need clear ownership.

BEST FIT

- Remote Saudi/GCC and MENA startup teams that need senior engineering capacity without slowing down.
- Full-time, contract, or fractional software engineering work across product features, cloud delivery, databases, and integrations.
- E-commerce, WhatsApp/business messaging, customer workflows, marketing automation, dashboards, and operational tools.

TECHNICAL STRENGTHS

Product engineering: Java, Kotlin, Scala, Spring Boot, Ktor, REST APIs, event-driven systems

Cloud and delivery: GCP, AWS, Docker, GitHub Actions, Gradle, Maven, Cloud Run, Pub/Sub

Data systems: PostgreSQL, Redis, MySQL, BigQuery, Firebase, Firestore

Integrations and UI: WhatsApp Business API, e-commerce platforms, internal tools, dashboards, workflow automation

EXPERIENCE

BusinessChat | Software Engineer

05/2025 - Present

- Led migration of core Scala microservices toward Kotlin, including planning, architecture, software design, and integration across three Kotlin services.
- Built the foundation for an AI-powered WhatsApp bot with e-commerce integration.
- Worked on technical requirements for Meta Business Solution Provider readiness, including partner-led business verification and billing management through a shared line of credit.

BusinessChat | Software Engineer

02/2023 - 02/2025

- Built an e-commerce WhatsApp marketing automation engine enabling businesses to engage customers at scale.
- Built an event-based real-time customer segmentation engine for personalized marketing campaigns.
- Integrated multiple e-commerce providers and built scalable data processing pipelines.
- Maintained foundational microservices across backend, messenger, campaign worker, and reporting systems.
- Contributed to customer-facing features, code reviews, system design, performance, and scalability improvements.

CoTeDE | Software Engineer - Part-time

11/2023 - 06/2024

- Refactored a multi-tenant monolithic ERP system into a modular monolithic architecture.
- Developed and integrated a WhatsApp messenger service for business workflows.

CoTeDE | Software Engineer

07/2021 - 12/2022

- Built a multi-tenant supply chain management system for agricultural markets.
- Maintained large-scale distributed intranet systems for Stellantis.
- Conducted code reviews and contributed to feature design.

Birzeit University | Software Engineer

09/2017 - 09/2020

- Built software tools, databases, and web applications for Arabic lexicon digitization and Arabic NLP research initiatives.
- Contributed to the digitization of 150+ Arabic-multilingual lexicons and dictionaries.
- Authored/co-authored 3 research papers and 2 technical reports on Arabic NLP and lexicographic systems.

EDUCATION AND SELECTED RESEARCH

B.S. Computer Science, Birzeit University | 2017

- Representing Arabic Lexicons in Lemon - LDK 2019.
- An Arabic-Multilingual Database with a Lexicographic Search Engine - NLDB 2019.
- Diacritic-Based Matching of Arabic Words - ACM TALLIP 2018.