

Mohammed Alammam *Software Engineering*

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🔗 Mohammedomzi 📁 Personal portfolio

PROFILE

Software Engineering graduate (Cybersecurity concentration) from King Fahd University of Petroleum & Minerals (KFUPM) with hands-on experience in cloud technologies, full-stack development, and enterprise automation. Skilled in designing scalable, data-driven applications and integrating AI and workflow systems. Demonstrates strong technical and analytical skills in application design, API integration, and process optimization. Familiar with Agile methodologies, CI/CD pipelines, and low-code/no-code development approaches for delivering efficient, compliant, and maintainable business solutions.

PROFESSIONAL EXPERIENCE

- Accenture, Cloud Technology New Associate** Jul 2025 – Oct 2025
Riyadh, Saudi Arabia
- Gained hands-on expertise in Google Cloud Platform (GCP) services including Compute Engine, App Engine, Networking, Cloud SQL, Cloud Storage, and Kubernetes.
 - Applied Infrastructure as Code (IaC) using Terraform to automate deployments, reducing manual setup time by 30%.
 - Designed and automated workflows using GCP tools, applying low-code principles to streamline cloud operations.
 - Developed and maintained integrations between services (e.g., Cloud SQL, Cloud Storage) ensuring data consistency and performance optimization.
- Alamer & Brothers Trading Co., Software Development Intern** Jun 2024 – Aug 2024
Alahsa, Saudi Arabia
- Implemented Jira for efficient project management, improving task tracking and team collaboration.
 - Contributed to the development of a web-based advertisement management system using Next.js, React, Tailwind CSS, MongoDB, and Microsoft SQL Server.
 - Gained hands-on experience in database migration, workflow automation, and UI/UX improvements, enhancing system performance and user experience.

EDUCATION

King Fahd University of Petroleum and Minerals, Bachelor's Degree in Software Engineering. 2020 – May 2025
Dhahran, Saudi Arabia
Concentration in Cybersecurity and Blockchain.

PROJECTS

- Namaa Insights: Stock Analysis Web Application, Web Development Project** 2024 – present
- Built a stock-analysis platform for the Saudi Tadawul market using React, Node.js, and Supabase.
 - Integrated financial data APIs to provide real-time performance metrics and AI-powered insights, attracting over 50 active users in testing.
 - Designed customizable dashboards and interactive charts to help investors make data-driven decisions.
- PrivaSeer: AI-Powered Data Standards Compliance Assistant, AI & Cybersecurity Project** 2024 – 2024
- Implemented a Next.js backend integrated with Gemini API, achieving 90% accuracy in automated compliance recommendations during internal testing.
 - Integrated compliance logic using modular service layers aligned with secure application and governance standards.

SKILLS

Programming: TypeScript, JavaScript, Python, Dart, C
Frameworks & Libraries: Next.js, React, Flutter, Node.js
Databases: MongoDB, SQL Server, Supabase, Firebase
Cloud & DevOps: GCP, AWS, Kubernetes, Terraform, Vercel, Firebase Hosting, Git
Other: Jira, Notion, GitHub, Figma, Tailwind CSS, UI/UX Design, REST APIs, Prisma, Low-Code/No-Code, API Integrations

CERTIFICATES

- Associate Cloud Engineer - Google
- Cloud DevOps Engineer Nanodegree - Udacity
- Professional Cloud DevOps Engineer - Google