

# Mohammed Alshami

📍 Makkah, Saudi Arabia    ✉ msalshami420@gmail.com    ☎ +966568700099    🇸🇦 Saudi Nationality

## PROFILE

Lead Integration Engineer and Full Stack Developer with a passion for building scalable systems and solving complex challenges. Experienced across diverse teams and technologies.

## TECHNOLOGIES

**Languages & Frameworks** – NodeJS, NestJS, ReactJS  
**API** – REST, GraphQL  
**Architecture** – Microservices, Serverless  
**Databases** – PostgreSQL, MongoDB, DynamoDB  
**DevOps & Cloud** – AWS, Docker, Kubernetes, CI/CD  
**AI & ML** – Vertex AI, OpenAI, MLKit, RAG

## PROJECTS

**Reporting AI**, LLM-powered tool for SQL generation and automated reporting - Vertex AI

- Converts natural language to SQL queries.
- Generates real-time reports.
- Integrated with RAG and structured database access.

**Juleb Connect**, Salesforce and aggregation mobile app for medical distributors.

- Managed deliveries, warehouse ops, and sales tracking.
- Implemented MLKit-based barcode scanning.
- Enabled ERP mobility for field teams.

**Microservices**, Built and maintained microservices for core platform features

Support | Subscription | Prescription | Reporting

**Integrations**,

Built system integrations with major systems.

Odoo | Oracle Fusion | SAP | Asana | ClickUp |  
WhatsApp | Twilio | Slack | StatusCake

**on-premise agent**,

Bridged clients' local servers with cloud SaaS systems.

## EDUCATION

**Bachelor in Computer Science**,

King Abdulaziz University

2018/09 – 2022/06 | Jeddah, Saudi Arabia

## WORK EXPERIENCE

**Juleb - Digital Pharam Company** 🏢

*Lead Integration Engineer*

2023/04 – present | Remote, Saudi Arabia

- Led a team of 5 developers; managed KPIs and reviewed 250+ PRs
- Built and maintained integrations for enterprise clients
- Delivered automation that cut data migration from 2 months to 2 weeks
- Contributed to CI/CD, backup automation, and real-time monitoring

*Integration Engineer*

2023/01 – 2023/04 | Remote, Saudi Arabia

- Developed and monitored backend integrations
- Supported infrastructure and full-stack development

*Junior Developer*

2022/01 – 2022/12 | Jeddah, Saudi Arabia

- Contributed to full-stack development on internal tools

**Hadiyah Charity Association**

*Programs & Services Supervisor*

2021/04 – 2021/08 | Makkah, Saudi Arabia

- Leading a team of 3 employees.
- Overseeing services workflows and execution.
- Successfully planned and executed a 2 million SAR project.

*IT Supervisor*

2019/09 – 2021/04 | Makkah, Saudi Arabia

- Leading a team of 3 IT employees.
- Managed and administrated IT projects & assets.