

ALI ALORYD

BACKEND DEVELOPER | SOFTWARE ENGINEERING STUDENT

Summary

Software Engineering student at KFUPM specializing in backend development and system design. Experienced in building scalable applications using C#, ASP.NET, SQL Server, and JavaScript. Developed systems involving authentication, role-based access control, and secure backend logic. Strong in problem-solving, database design, REST APIs, and API integration. Seeking a summer internship to contribute to real-world software systems.

Education

2023-2027

King Fahd University of Petroleum & Minerals (KFUPM)
Bachelor of Software Engineering (Game Design & Development Concentration)

GPA: 3.20 / 4.00 | Major GPA: 3.75 / 4.00
Honors: KFUPM Honor List (3 consecutive terms)
Relevant Coursework: Software Requirements Engineering, Software Design & Construction, Database Systems, Artificial Intelligence, Web Engineering & Development

2019-2023

Dammam Community College (KFUPM)
Advanced Diploma in Computer & Information Technology

GPA: 3.79 / 4.00 (First Honor Graduate)
Relevant Coursework: Operating Systems, Mobile Application Development, Database Administration
Certificate of Participation in Projects Exhibition

Technical Skills

- Programming Languages: Java, C#, Python
- Frameworks & Technologies: ASP.NET, React, Node.js
- Databases: Microsoft SQL Server, MySQL, MongoDB
- Tools: GitHub, Visual Studio, VS Code, IntelliJ IDEA
- Core Skills: Backend Development, REST APIs, Authentication, Authorization, Role-Based Access Control, Database Design, System Architecture, OOP

Experience

Aljoaib Holdings – Dammam
IT Support Intern

June 2021 - Aug
2021

- Set up and upgraded workstations and connected devices to the company domain
 - Provided technical support for hardware, software, and network-related issues
 - Troubleshoot PCs and diagnosed system performance problems
 - Installed and configured operating systems (Windows, Red Hat Linux)
 - Performed remote troubleshooting using AnyDesk
 - Assisted in network setup and cable configuration
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Projects

EzPrint System (KFUPM)

- Designed and developed a scalable printing management system to replace a licensed commercial solution
- Implemented backend logic for secure print release, authentication, and user management
- Built role-based access control system for multiple user roles (students, faculty, admins)
- Integrated printer configuration and embedded system functionality
- Technologies: Next.js, .NET, SQL Server

KHARJAA – Tourism Planning Platform

- Developed a full-stack web application for trip planning and group management
- Implemented backend logic for user management and group coordination
- Integrated PayPal API for secure payment processing
- Designed database using SQL Server
- Technologies: ASP.NET, SQL Server, JavaScript

Petroleum Dataset AI Model

- Built ML models (KNN, SVM, Deep Learning) to predict oil production
- Performed data preprocessing, training, and evaluation
- Technologies: Python, scikit-learn

QR Attendance System

- Developed a full-stack attendance system using dynamic QR codes
 - Implemented time-based QR validation and database tracking
 - Technologies: ASP.NET, HTML, CSS, SQL Server
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