






Saleh Alobaylan



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Summary

FullStack Software Engineer specializing in building server-side applications using Node.js and Golang. Proficient at developing clean, maintainable code and creating APIs that power modern web applications.

Experience

2024 Aug – present	Backend Developer <i>Moqrraty App</i>  <ul style="list-style-type: none">-Design, build, manage, troubleshooting, optimize restful APIs with expressJS-Optimizng APIs to reduce unnecessary data usage that overwhelmed the server by 80%-Serve More than 10000 ACTIVE user-Setup Json Web Token (JWT) and authorization-Design, manage, initialize Databases Schemas-Build Unit Tests with Jest, handling data Validation with Joi library-handling microservices and integration-Build a Proper error handling
2023 Dec – 2024 Jul	MetaData and Data Catalog Management specialist <i>Data Management Association and Decision Support Systems Research</i>  <ul style="list-style-type: none">-Front-End Developing / UX/UI / Supervising a Web Development process-Developing a MetaData and data catalog Policy-Designing Posts, Identities, Policies... and Other Management and GRC tasks

Skills

JavaScript TypeScript Python Java	MySQL PostgresSQL SQLite MongoDB AWS RDS Redis
Node.js [JWT OAuth ORMs] Go [Mux Gin]	Unit Testing [Jasmine , jest] Input Validation
HTML/CSS Angular React Next.js	Figma [UX\UI , Diagrams] Power BI
CI/CD GitHub Jira PostMan Circleci Docker	Design patterns System Architecture MicroService
Cloud Services [AWS GCP]	Projects Planning Documentation Problem Solving
AWS Cloudformation IAC S3 IAM VPC	



Education

Bachelor's degree in computer Science <i>Imam Muhammad ibn Saud Islamic University</i> 2021 – 2026 Elective Corses: CS346 Web Development CS364 Machine Learning CS335 Cloud Computing
NanoDegree Backend Developer with Go ~ Current <i>Udacity</i>
NanoDegree Cloud DevOps Engineer ~ Current <i>Udacity</i>
NanoDegree Full Stack JavaScript Developer <i>Udacity</i>

Courses

Google Kubernetes Engine <i>Tuwaiq Academy</i>
Microsoft Azure IoT Developer <i>Future Skills</i>
Next.js 15 & React by Maximilian Schwarzmüller ~ Current <i>Udemy</i>
Applied data science with Python <i>King Saud University</i>

Projects Contribution

2025 Jul	Imamu TedEx Website  <i>Developer</i> T3-App, Next.js, tailwind, Drizzle ORM, ICS files
2025 Jun	Lag Website  <i>Developer</i> Notion SDK, Next.js, Tailwind
2025 Jan	Deanship of Student Affairs - Student-Club-Management-System (Enterprise Project) <i>Backend Developer</i> -Design, build, manage, troubleshooting restful APIs

Projects

MyStore

Full-stack e-commerce application

Designed and developed a full-stack e-commerce application using Angular (frontend) and Node.js/Express (backend) with TypeScript. Implemented a hybrid database architecture leveraging MongoDB for product catalog and PostgreSQL for order management. Created core features including product browsing, responsive cart management with real-time updates, and a secure checkout process. Deployed the application on AWS using Elastic Beanstalk for backend services, RDS for PostgreSQL database, and S3 for static frontend assets, with CI/CD automation via CircleCI.

ImageProcessingAPI [↗](#)

Small MicroService

It features an Express.js server for hosting images and resizing them using sharp library via URL parameters, then stores the resized images to improve load efficiency. The utility uses TypeScript and includes unit tests with Jasmine.

Storefront Backend [↗](#)

Fully Functional E-Commerce API

Developed a fully functional backend API for an online storefront using TypeScript, ExpressJS, PostgreSQL, and Node.js. Designed and implemented secure, RESTful endpoints for product browsing, user authentication (using JWT and bcrypt), and order management. Enhanced code quality through rigorous testing (Jasmine unit tests) and maintained standards with ESLint and Prettier.

LoanIt [↗](#)

Fintech web platform

LoanIt facilitates small, peer-to-peer loans, enabling individuals to lend and borrow money while easily tracking their transactions. The platform also features a comprehensive dashboard to view the total amounts borrowed and lent.