

Ahmad AlZein

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SUMMARY

Senior Backend Engineer / Full Stack Engineer with 6 years of experience, specializing in fintech platforms such as payment processing, compliance systems, and investment management. Also experienced in developing scalable eCommerce and education solutions. Skilled in Node.js, NestJS, MongoDB, PostgreSQL, and event-driven microservices on AWS and GCP, with a focus on delivering secure, high-performing applications.

SKILLS

Frameworks: Node.js, Nest.js, Express.js, Angular, React, Next.js, ASP.NET Core

Architectures & APIs: Microservices, Monolithic, RESTful APIs, GraphQL, Unit Testing

Languages: JavaScript, TypeScript, Python

Messaging & Real-Time: Apache Kafka, RabbitMQ, Socket.IO

Databases: MongoDB, PostgreSQL, MySQL, Microsoft SQL Server

Cloud Platforms: AWS (EC2, S3, SES, Route53, Kinesis), Azure (Blob Storage, CosmosDB)

DevOps & Automation: Docker, GitHub & GitLab CI/CD pipelines

Payments & Integrations: Stripe, Tap, Fatora, Daftra Cloud ERP, Jumio, SMSA Express

AI Tools: Cursor, Claude Code, Github Copilot

WORK EXPERIENCE

Finstreet Limited ADGM

Abu Dhabi, United Arab Emirates

Senior Backend Developer

Jan 2024 - Present

- Enhanced security and performance by implementing Node.js (Nest.js) and MongoDB, reducing unauthorized access attempts by 30% and improving system scalability through Kafka and AWS integration.
- Developed and optimized backend services using Nest.js, managing microservices, integrating real-time functionalities with Socket.IO, and utilizing Kafka for efficient data streaming.
- Built a robust investment platform that increased transaction efficiency by 35%, enabling seamless investments between investors and companies while tailoring processes to user-specific requirements.
- Designed and developed an intuitive frontend using React.js and Next.js, ensuring a seamless integration with backend services for a cohesive and responsive user experience.

Human Tag Executive Education

Riyadh, Saudi Arabia

Software Engineer (Fixed-Term Contract)

May 2025 - Nov 2025

- Leading backend development using NestJS and MongoDB, delivering scalable APIs that support the platform's educational tools and user experience.
- Managing CI/CD pipelines and server infrastructure to ensure smooth deployments and high system availability.
- Collaborating on Next.js frontend features to deliver a polished, responsive interface aligned with business objectives.

Shedu Group

Dubai, United Arab Emirates

Full Stack Developer

Apr 2022 - Nov 2023

- Develop and maintain scalable backend architectures using Node.js, Express.js, and ASP.NET Core, leveraging relational databases to enhance system efficiency by 35%.
- Collaborate with clients remotely to gather requirements and discuss project progress, ensuring alignment with expectations and reducing project delays by 20%.
- Design and optimize database schemas, improving query performance by 40% and reducing response times for end users.

- Implement frontend components using Angular, ensuring seamless integration with backend services for a smooth user experience.

Orkabit

Remote

Backend Developer

Nov 2021 - Oct 2023

- Created and performed streamlined backend systems for all projects, leading to a 20% reduction in the total processing duration.
- Collaborated with cross-functional teams to optimize database queries and improve overall system performance, leading to a 15% reduction in server response time.
- Took initiative to lead the development of a secure deployment process, resulting in a 50% decrease in deployment errors and ensuring smooth release of software updates.

Grayscale

Damascus, Syria

Backend Developer

May 2021 - Nov 2021

- Collaborated with a team of five members to create and construct in-depth diagrams for the agency's internal system by preparing Use Cases, SRSs for each use case and designing ERDs.
- Introduced and integrated effective coding methodologies to enhance the Node.js backend system's performance, resulting in a 20% decrease in response time and a marked improvement in the overall user experience.

PROJECTS

BENA

<https://bena.sa.com>

Senior Backend Developer

- Led the backend architecture and development of Bena, an eCommerce platform for construction and building materials, using NestJS and MongoDB.
- Designed and implemented robust APIs for product catalog, order management, and user roles, ensuring performance and scalability for high-volume transactions.
- Integrated secure payment workflows and admin controls, contributing to a seamless experience for both buyers and vendors in a B2B context.

Finstreet Finance Platform

<https://accounts.finstreet.ae>

Senior Backend Developer

- Developed and maintained a fintech platform that empowers startups and SMEs to raise capital from private and institutional investors, supporting their journey from early stages to pre-IPO. Key features include:
 - Equity Funding, Private Placement, and Invoice Financing options.
 - Technology-driven matchmaking between businesses and professional investors such as HNWIs, PE firms, and VCs.
 - Data-driven insights to streamline funding processes and enhance investor confidence.

AZ Courses

<https://admin.adnan-alzayat.com>

Full Stack Developer

- Developed scalable backend and frontend using NestJS, Angular, and MongoDB, leading to a 20% increase in feature adoption and student satisfaction.
- Implemented video chunking and streaming, boosting engagement by 25% and ensuring smooth video playback on mobile.
- Published the solution as an open-source npm package [file-chunkify](#), allowing others to easily implement large file uploads using chunking and merging.

FMP - Fatora Merchant Portal

<https://fmp.paymera.cc>

Full Stack Developer

- Designed and executed a robust payments management system composed of two backend services using Node.js, Express.js, ASP.NET Zero (ASP.NET Core with Angular), and Microsoft SQL Server, streamlining how merchants manage financial transactions.

- Implemented core payment functionalities including creation, cancellation, and reversal of payments which led to a 40% increase in merchant control and operational transparency.

Sendyanarts

<https://sendyanarts.com>

Senior Backend Developer

- Designed and developed backend modules for inventory, production line configuration, and employee shift/cost tracking using NestJS and MongoDB.
- Implemented stage-based project tracking with timestamp logging, personnel assignments, and chart timeline integration.
- Built comprehensive reporting features for costs, inventory movements, and productivity to support data-driven decision-making.

Billing Server

<https://bills.fatora.me>

Full Stack Developer

- Generated a user-friendly web application using Node.js, Express.js, Angular, and Microsoft SQL Server that allowed users to easily access and manage their bills from one centralized location, reducing the need to visit multiple service providers.
- Reduced billing errors by 20% by implementing automated validation checks within the system to ensure accurate bill calculations for users.

EDUCATION

Arab International University

Bachelor of Informatics Engineering

Specialization in Artificial Intelligence

Damascus, Syria

Graduation Date: Jul 2022

LANGUAGES

English: Professional

Arabic: Native