

Yousef Alkhrissat
Senior Software Engineer
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Summary

I'm a backend-focused senior software engineer with 6+ years of experience delivering scalable, event-driven systems using NestJS, Node.js, and modern cloud infrastructure. My work spans real-time telecom (VoIP), procurement SaaS, and social platforms. I specialize in high-throughput APIs, microservices architecture, and mentoring junior engineers to build resilient codebases.

EU Blue Card Eligible

Experience

Senior Back-End Developer

Apr 2025 – Present

Axelerated Solutions – Amman, Jordan

- Actively engaged in back-end development focused on telecom and real-time communication systems using NestJS and Asterisk-Nami.
- Integrated Redis, MySQL, and RabbitMQ for efficient event-driven processing and inter-service communication.
- Designed scalable multi-tenant architecture to support isolated data environments for telecom clients.
- Persisted real-time call data, including states, transfers, queues, and interaction logs, across distributed services.
- Implemented structured TTL and caching strategies using Redis to optimize session and event tracking.
- Defined service boundaries and contributed to the system-wide redesign of Sowtek into modular domains: VoIP/Chat, Ticketing, and Social Integrations.
- Collaborated with cross-functional teams to ensure seamless integration between real-time voice, messaging, and agent workflow systems.
- Led architectural planning for system decoupling and service-oriented restructuring efforts.

Senior Fullstack Software Engineer

May 2024 – Dec 2024

UBA (United Business Applications) – Amman, Jordan

- Actively engaged in full-stack development using **NestJS, Node.js Express, and React**.
- Integrated **MongoDB, Redis, GraphQL, and Elasticsearch** for optimized data retrieval and real-time processing.
- Designed scalable microservices architecture, leveraging **RabbitMQ** for inter-service communication.
- Developed GraphQL APIs, improving data fetching efficiency and reducing response time.
- Conducted **technical mentorship and onboarding sessions** for junior developers.
- Implemented caching strategies using Redis to enhance system performance.
- Worked on cloud deployment strategies using **AWS, Oracle Cloud, and Digital Ocean**.
- Led debugging and optimization efforts, reducing API response times by 30%.

Fullstack Software Engineer

Nov 2023 – May 2024

Baaz – Amman, Jordan

- Actively engaged in backend development using the **Yii framework** and **React.js**.
- Built RESTful and GraphQL APIs for seamless frontend-backend communication.
- Improved application scalability by implementing **Redis caching** and **Elasticsearch**.
- Designed and maintained complex database schemas in **PostgreSQL** and **MongoDB**.
- Led technical workshops for the engineering team, focusing on **Node.js** and **React best practices**.
- Collaborated closely with product managers to refine features and improve user experience.

Senior Software Engineer

Feb 2023 – Nov 2023

Hello World Kids – Amman, Jordan

- Led backend development using **PHP Laravel** on AWS infrastructure.
- Integrated **RabbitMQ** for improved message queuing and async processing.
- Designed a **mentorship program** to help onboard new developers.
- Developed GraphQL APIs for improved data querying efficiency.
- Collaborated with the DevOps team to optimize CI/CD pipelines and AWS deployments.

Senior Software Engineer

Feb 2022 – Nov 2022

Rhinosoft – Amman, Jordan

- Developed and optimized **Node.js microservices** using **NestJS** and **Express**.
- Implemented **MongoDB**, **Redis**, **Elasticsearch**, and **RabbitMQ** for scalability and performance.
- Led weekly code review sessions, mentoring junior engineers in **Node.js** and **React.js**.
- Designed and developed GraphQL APIs for client-side data efficiency.
- Conducted technical training sessions on API development and backend best practices.

Software Engineer

Nov 2019 – Nov 2021

Aspire IT Services – Amman, Jordan

- Worked as a full-stack engineer using **NestJS**, **Node.js Express**, and **React**.
- Designed and optimized PostgreSQL and MongoDB database schemas.
- Implemented **RabbitMQ** and **Redis** for real-time event handling.
- Led technical onboarding for new engineers and provided training on backend technologies.

Software Engineer

Feb 2019 – Nov 2019

NCIT Solutions – Amman, Jordan

- Developed and maintained full-stack applications using **NestJS**, **Node.js Express**, and **React**.
 - Built real-time features with **WebSockets** and **Redis**.
 - Participated in **mentorship programs** to help junior developers grow in their roles.
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Education

Associate's Degree in Computer Technology

Jan 2015 – Jan 2019

Al Balqaa Applied University – Zarqa, Jordan

Percent Grade: 76.1%

Technical Skills

- ***Programming Languages & Frameworks:*** Node.js, NestJS, ExpressJS, React.js, TypeScript, JavaScript (ES5, ES6+), PHP, Laravel, Yii Framework.
 - ***Databases:*** PostgreSQL, MySQL, MongoDB, Oracle Database.
 - ***Caching & Messaging:*** Redis, RabbitMQ.
 - ***Search & Query Languages:*** GraphQL, Elasticsearch.
 - ***Cloud & DevOps:*** AWS (S3, EC2, RDS, EB), Docker, Linux servers, Apache, Nginx.
 - ***Version Control:*** Git, GitHub, Bitbucket.
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Soft Skills

- ***Problem Solving***
 - ***Attention to Detail***
 - ***Critical Thinking***
 - ***Responsibility***
 - ***Flexibility***
 - ***Project Management***
 - ***Communication***
 - ***Leadership***
 - ***Teamwork***
 - ***Organization***
 - ***Creativity***
 - ***Mentorship & Training***
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Languages

- ***Arabic: Native***
- ***English: Advanced***