

SAEED GHOFRANI

BACKEND DEVELOPER

PROFESSIONAL SUMMARY

Backend Engineer with extensive experience in the Node.js ecosystem, specializing in building robust, real-time systems with NestJS. Proficient in designing and managing complex data layers with PostgreSQL and MongoDB, implementing high-throughput caching with Redis, and architecting distributed systems using a microservices approach. Adept at performance tuning, ensuring system security, and streamlining deployments with containerization (Docker/Kubernetes).

CONTACT

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WORK EXPERIENCE

Software Engineer

License Market | 2023-Present

- **Technical Leadership & Project Management:** Led a backend team of 8 in an **agile** environment, managing timelines and workflows via GitHub Issues. Conducted daily/weekly ceremonies, resulting in consistent on-time delivery for 5+ major releases.
- **System Architecture:** Designed and implemented the core backend architecture using **NestJS**. Architected a scalable **PostgreSQL** schema and a message-driven system with **RabbitMQ** to ensure **asynchronous** processing, improving system fault tolerance.
- **Performance & Infrastructure:** Built high-performance services integrating Prisma, Redis, and Puppeteer. Managed infrastructure (Nginx, servers, object storage) to maintain 99.9% uptime and reduce average API latency by 40% through caching and optimization.
- **Cross-Functional Collaboration & Features:** Partnered with UI/UX and frontend teams to deliver a sophisticated **ticketing** system and a **real-time AI** chat feature, boosting customer satisfaction scores by 25%.
- **Code Quality & Mentorship:** Established team coding standards and enforced them through rigorous **PR** reviews. **Mentored** junior developers, increasing team **productivity** and code **maintainability**.

Backend Developer (Freelance)

| 2023-2025

- **Full-Stack Development:** Developed "Mobasher," an integrated consulting platform using a **NestJS microservices** backend and Angular frontend, reducing client onboarding time by streamlining consultant-client interactions.
- **Real-Time Communication System:** Engineered a scalable real-time communication suite with **RabbitMQ**, enabling **chat**, **VoIP**, and **video** conferencing that supported 500+ concurrent users with <200ms latency.
- **Database & Performance Optimization:** Optimized complex **SQL** stored **procedures** and database **queries**, improving data retrieval times by 40% and enhancing overall platform responsiveness.
- **Learning Platform Contribution:** Co-developed a robust online learning module integrated within the platform, increasing user session duration by 25% through interactive course delivery.

Backend Developer

ExModule | 2022-2023

- **Backend Architecture & Leadership:** Led the backend development of a high-throughput **cryptocurrency**, architecting the system with **NestJS microservices** and a polyglot persistence layer (**PostgreSQL, MongoDB, Neo4j, Redis, Elasticsearch**) for optimal data modeling and performance.
- **Financial Compliance & Security:** Built and owned the **KYC/AML** verification system from the ground up, implementing document verification and sanction screening to ensure full compliance with international regulations (**FATF, FINRA**) and secure user onboarding.
- **Algorithm Development:** Designed and implemented the core algorithms for a **network marketing** platform, including complex user **hierarchy** traversal, commission calculations, and real-time bonus distribution, ensuring accuracy at scale.

Backend Developer Intern

Borhan Sharif Company | 2021-2022

- **Enterprise System Contribution:** Contributed to the development of Symorgh ERP, a large-scale enterprise resource planning system, gaining hands-on experience with complex business logic and backend architecture.
- **Collaborative Project Delivery:** Built and tested a client-facing web application in an agile team environment, collaborating closely with developers and project managers to ensure timely, high-quality feature delivery.

ACADEMIC HISTORY

Payam-e Noor University | 2021-present

Computer science

Shahid Beheshti High School | 2018-2021

Experimental science

CERTIFICATION

Maktab Sharif, Coding Boot Camp | 2021

Node.js Back-End Development (320+ hours)

SKILLS

- **Backend Development**
 - Node.js, NestJS, TypeScript, Express.js
 - Microservices architecture (RabbitMQ, Redis, Kubernetes, Docker, Nginx)
 - RESTful APIs, GraphQL
- **Databases & Storage**
 - PostgreSQL, MongoDB, Redis, Neo4j, MySQL, SQLite
 - Prisma, TypeORM, Sequelize, Raw SQL queries
 - Optimized database indexing and query performance
- **Cloud & DevOps**
 - CI/CD Pipelines, Docker, Kubernetes, Nginx
 - Cloud services: Firebase, AWS, Google Cloud
- **Real-Time Systems**
 - WebSockets, Socket.IO, Firebase Realtime Database
- **Project Management & Collaboration**
 - Git, GitHub, Trello, Agile/Scrum methodologies
 - Technical communication & documentation

SOFT SKILLS

- Problem-solving & data-driven decision-making
- Ability to thrive in fast-paced environments
- Strong communication & collaboration with cross-functional teams
- Fluent in English (written & verbal)