

Zoheir Khonyagar

Backend Developer, NodeJS

[[Website](#)]

[[GitHub](#)]

[[LinkedIn](#)]

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SUMMARY

Experienced Node.js Backend Developer with 5+ years of expertise in application development, database design, and cloud-based solutions. Proficient in building web applications using Node.js, TypeScript, React, and Next.js.

PROFESSIONAL EXPERIENCE

Red Acre LTD, *Sliema, Malta. (Remote)*

SENIOR BACK-END DEVELOPER (May 2021 — Oct 2022) 1.5 Years

- Played a key role in developing trading domain microservices, increasing the HTTP response success rate from 95% to an impressive **99.8%**, reinforcing our reputation for excellence and reliability with a robust fallback mechanism.
- Ensured secure programming by addressing critical vulnerabilities, including **two security flaws** in the main trading system. This safeguarded users' funds and enhanced platform security through dedicated middleware enhancements.
- Collaborated with cross-functional teams (front-end, design, product, QA, and DevOps) to conceive, develop, and successfully deliver **more than 53** impactful product features.
- Implemented a GraphQL API gateway for a **multi-tenant** application with **12 brand consumers**, enhancing data communication with microservices over an internal network to meet Front-End requirements. [[Link](#)]
- Constructed a bespoke daily news microservice for aggregating and storing content from various third-party sources, leveraging Redis caching to significantly reduce billing costs by **40%** through optimized API usage.
- Aided junior developers in onboarding, improving their codebase comprehension and product development skills. devised a strategic roadmap resulting in 30% faster codebase mastery.
- Addressed and resolved critical bugs and issues in a timely manner, resulting in a consistently high reliability score of 99% for the majority of the product as a key member of the production defects team.

Technologies: **NodeJS, NestJS, GraphQL, GIT, MongoDB, PostgreSQL, Redis, Jest, ReactJS.**

PRAGMIDEA LTD, *London, United Kingdom. (Remote)*

SENIOR BACK-END DEVELOPER (Apr 2020 — May 2021) A Year

- Crafted a high-performance internet speed test service for precise metric measurements and a geolocation-based Node.js service for personalized internet provider recommendations, elevating user satisfaction.
- Engineered a Node.js service with a smart server selection algorithm, optimizing speed test accuracy by efficiently choosing the closest and fastest server among 10 to 20 options based on geolocation data.
- Constructed services for the admin dashboard, enabling the aggregation and display of complex user data from 26+ countries. Admins could easily filter, search, or sort speed test results by various criteria such as location, speed, and ping.
- Developed a service for admins to manage internet providers, including adding their logos and enriching user experience with information from 15+ providers worldwide.
- Engineered an SVG image generation service that processed user speed test results, uploaded generated images to **AWS S3**, and offered users shareable URLs with their test data, resulting in a streamlined and engaging user experience.
- Created a NodeJS proxy server based on the adapter design pattern to seamlessly interact with more than 12 third-party APIs, transmitting data to providers and meticulously logging all incoming and outgoing requests.

Technologies: **NodeJS, GraphQL, ReactJS, GIT, MongoDB, Redis, Jest.**

Vakavic, Tehran, Iran. (Remote)

FULL STACK SOFTWARE DEVELOPER (May 2019—Apr 2020) A Year

- Decomposed a large monolithic backend service into 23 independent microservices with distinct responsibilities and implemented comprehensive unit and integration tests for each service.
- Built "The Snake" crawler service to efficiently retrieve and store Twitter data in the database based on user-defined keywords for crawling.
- Collaborated on developing the "Vakavic" npm package on GitHub. [[Link](#)]

Technologies: **NodeJS, Javascript, GIT, MongoDB, RabbitMQ, Jest.**

Freelancer, Bandar Abbas, Iran.

BACK-END DEVELOPER (Jul 2018—Apr 2019) A Year

- Developed a streamlined local API to facilitate seamless communication between distinct software systems on separate internal servers for Bandar Khamir municipality, enhancing data integration and system efficiency.
- Created a web app for Ehterami advertising agency, enabling portfolio display, contact accessibility, and seamless online ordering for enhanced customer convenience.
- Built the IMA department website for a portfolio showcase and content creation, including posts and podcasts.

Technologies: **NodeJS, Javascript, GIT, MySQL.**

MavaraTM, Zahedan, Iran.

BACK-END DEVELOPER (Oct 2016—Jun 2018) 2 Years

- Developed a project called Anif in the company. It was an online food ordering from local restaurants. [[Link](#)]
- Collaborated with team members in designing database schemas for new features with the optimum level of normalization and relationships.
- Documented technical specifications and detailed database design changes.

Technologies: **Javascript, GIT, MySQL.**

TECHNICAL SKILLS

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|-----------------------|--------------|---------------|
| • NodeJS | • GraphQL | • GIT Version |
| • Typescript | • RabbitMQ | • Docker |
| • NestJS | • Redis | • NextJS |
| • PostgreSQL, MongoDB | • Javascript | • ReactJS |

EDUCATION

Sistan and Baluchistan University, Zahedan, Sistan and Baluchistan.

Associate of Information Technology (IT), 2015

Licenses and Certifications

HackerRank, Node.js (Intermediate) Certificate. [[Link](#)]

MongoDB University, M001: MongoDB Basics. [[Link](#)]

Languages

English (Professional working proficiency)

Persian (Native or bilingual proficiency)