

Nataliia Rybalka

Backend Node.js Developer

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Summary

Backend Developer with 3 years of experience specializing in building robust, scalable, and high-performance server-side applications using Node.js. Proficient in TypeScript and JavaScript, with strong knowledge of database management systems including SQL and NoSQL. Skilled in designing and implementing RESTful APIs, optimizing application performance, and ensuring code quality through testing and best practices. Dedicated to delivering clean, maintainable code and effective solutions to complex technical challenges.

Key Skills

Programming Languages: JavaScript, TypeScript, Python

Frameworks & Libraries: Express.js, NestJS, React, Redux, React Native, JWT, OAuth2, Web3, Socket.IO, Mongoose, Jest, Swagger

Environments: Node.js, Docker, Linux, REST APIs

Tools & Platforms: Git, GitHub, Postman, Android Studio, Firebase, Webpack, VS Code, Jira, Slack

Cloud Platforms: AWS, Google Cloud Platform (GCP)

Databases: MySQL, PostgreSQL, MongoDB, AWS DynamoDB

Professional Experience

2023 – 2024 **Backend Node.js developer**, *Vertical Change*

- Development and supporting of CRM for Kaeser Hausverwaltung GmbH.
- Developing APIs in Node.js (TypeScript), including integration with third-party APIs.
- Reduced API response times through efficient query handling and data processing techniques.
- Enhanced backend scalability and maintainability.

2022 – 2023 **Backend Node.js developer**, *Moonion*

- Developed and deployed blockchain solutions, including NFTs and smart contracts, using ERC-20 and ERC-721 standards with the Web3 library, ensuring secure and efficient token management on Ethereum.
- Supported, debugged, and enhanced the functionality of "Hangeh," a social marketplace tailored for residential buildings. Responsibilities included resolving technical issues, implementing new features, and optimizing platform performance.
- Writing API documentation using Swagger.

Freelance

From 2023 **Backend Node.js developer**

- Developed and implemented APIs in Node.js, ensuring efficient server-client interaction.
- Worked with third-party APIs (Google, Facebook, Microsoft, etc.), ensuring seamless integration and stable operation.
- Wrote unit and integration tests using Jest to ensure high code quality.
- Launched and maintained servers on AWS EC2, ensuring scalability and uptime.
- Created Android applications in React Native and Java with full server-side integration.
- Utilized DynamoDB, MongoDB as databases, optimizing data structures for performance.

Education

2020 – 2021 **JavaScript developer**, *OktenWeb University*, Kyiv, Ukraine

Speciality: JavaScript Developer

2014 – 2018 **Master degree**, *Kyiv National University of Technologies and Design*, Kyiv, Ukraine

Speciality: Accounting

Pet Project

From 2023 **Your Best Friend Diary**, [\[Link to Github\]](#)

Mobile and Web Application with Backend

- Developed RESTful API using Node.js.
- Built the web app with React and the mobile app with React Native.
- Used MongoDB for data storage and management.
- Deployed the server on Namecheap hosting for reliable access.
- Delivered a cross-platform diary app with both mobile and web versions.

Languages

English B1