

# Alexander

## Senior Full Stack Engineer (more BE)

### SUMMARY

Software Engineer with 4+ years in the industry, notably in financial, ERP, and e-commerce domains. Strong emphasis on full-stack development with key expertise in JavaScript, TypeScript, Node.js, and React.js. Proficient in a variety of frameworks and tools including Nest JS, Redux, Mongoose, Docker, and AWS cloud services. Experienced in Agile/Scrum methodologies and champion of software development best practices. Notable achievements include designing and implementing APIs, microservices architecture, and optimizing application performance. Instrumental in driving project success through robust testing, CI/CD implementation, and meticulous refactoring.

### TECHNICAL SKILLS

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|---|--|
| <b>Main Technical Skills</b>                    | Node.js, React, Redux Thunk, Elasticsearch, Redis                                |
| <b>Programming Languages</b>                    | JavaScript, TypeScript   |
| <b>JavaScript Libraries and Tools</b>           | Formik, mui, Redux, Redux Thunk, Redux-toolkit, Styled components, Webpack       |
| <b>JavaScript Frameworks</b>                    | NestJS, Node.js, React   |
| <b>Databases &amp; Management Systems / ORM</b> | Elasticsearch, Redis   |
| <b>UI Frameworks, Libraries, and Browsers</b>   | CSS, SCSS, Storybook, Styled components  |
| <b>Amazon Web Services</b>                      | AWS API Gateway, AWS Cloudformation, AWS CloudWatch, AWS EC2, AWS Lambda, AWS S3 |
| <b>SDK / API and Integrations</b>               | AWS API Gateway, GraphQL   |
| <b>Deployment, CI/CD &amp; Administration</b>   | GitLab CI  |
| <b>QA, Test Automation, Security</b>            | Jest   |
| <b>Other Technical Skills</b>                   | Step functions   |

## WORK EXPERIENCE

### Software Engineer, Online Investment Service

**Duration:** 04.2021 – Till now

**Summary:** Online investment service providing savings accounts and pensions, allowing users to buy and sell assets and track personal statistics.

**Responsibilities:** Full Stack development; Implementing API within REST methodology using Nest JS; Participating in planning of microservice architecture; Data storage with Redis; Database interaction with TypeORM; MongoDB database modeling with Mongoose; Image and report storage on AWS S3; Complex data processing flows with AWS Step Functions; AWS Lambda integration; Testing and documentation; UI components design with React; Redux store management; Code refactoring and support.

**Technologies:** JavaScript, TypeScript, Node JS, Nest JS, Prisma, Mongoose, Redis, Swagger, PostgreSQL, MongoDB, AWS (S3, Lambda, API Gateway, CloudFormation, Step Functions), React JS, Redux, Redux-Toolkit, Redux-Thunk, Styled Components, Docker, GitHub, GitHub Actions

### Software Engineer, E-commerce Platform

**Duration:** 04.2019 – 04.2021

**Summary:** E-commerce platform enabling brands to customize online shops, manage product displays, and add multimedia content.

**Responsibilities:** Full Stack development; gRPC communication between microservices; Integration with third-party APIs; Application architecture discussions; Security logging and monitoring; AWS S3 for image storage; Testing; GitHub Actions for deployment; Docker-compose; Reusable React UI components; Redesign of Settings module; Implementation of GraphQL API; Code support and refactoring.

**Technologies:** JavaScript, TypeScript, React JS, Redux, Redux-Toolkit, Jest, Storybook, Webpack, MUI, Node JS, Nest JS, TypeORM, GraphQL, Apollo GraphQL, PostgreSQL, AWS (EC2, S3, Lambda, API Gateway), Elasticsearch, Docker, GitHub, GitHub Actions

### Software Engineer, Task Management Application

**Duration:** 08.2018 – 04.2019

**Summary:** Task management application with functionalities such as user statistics, goal setting, collaboration, reporting, and data visualization.

**Responsibilities:** Full Stack development; Requirements clarification; Data analysis; Redis for data caching; Third-party API integration; CI/CD pipelines; Dockerization; API documentation with Swagger; User interface collaboration; Migration from CSS to SCSS; Responsive design using React; Asynchronous data processing with Redux-Thunk; Code refactoring and support.

**Technologies:** JavaScript, TypeScript, Redux, Redux-Toolkit, CSS, SCSS, Redux-Thunk, Node JS, Nest JS, Express JS, Socket.io, Mongoose, Swagger, MongoDB, Redis, Docker, Git, GitLab

## EDUCATION

- Computer Science and Software Engineering

