Ivan
Senior Team Lead

SUMMARY

- Experienced software engineer with a strong background in computer science and software engineering. - Proficient in programming languages such as JavaScript, TypeScript, and Python. - Skilled in both front-end and back-end development, with expertise in Node JS, Nest JS, and FastAPI. - Familiar with various databases including PostgreSQL and MongoDB. - Experienced in cloud technologies such as AWS and DevOps tools like Docker and Kubernetes. - Knowledgeable in software development methodologies such as Scrum and Agile. - Strong problem-solving and analytical skills, with a track record of successfully delivering complex projects.

TECHNICAL SKILLS

Main Technical Skills	Node.js (6 yr.), TypeScript (6 yr.), MongoDB (3 yr.), PostgreSQL (6 yr.), Python (2 yr.)
Programming Languages	Python (2 yr.), TypeScript (6 yr.)
JavaScript Frameworks	Express (3 yr.), Koa.js (1 yr.), NestJS (4 yr.), Node.js (6 yr.), React (3 yr.)
Python Frameworks	FastAPI (2 yr.)
Java Libraries and Tools	Knex.jx (1 yr.)
JavaScript Libraries and Tools	Koa.js (1 yr.), Mongoose (2 yr.), React Thunk (1 yr.), Redux (3 yr.), Redux Thunk (3 yr.), Redux-toolkit (3 yr.), Strapi (2 yr.), Webpack (1 yr.)
Databases & Management Systems / ORM	MongoDB (3 yr.), PostgreSQL (6 yr.), Prisma (2 yr.), Typeorm (3 yr.)
UI Frameworks, Libraries, and Browsers	Ant Design (2 yr.), HTML (3 yr.), Semantic UI (1 yr.), Storybook (2 yr.)
Version Control	BitBucket (1 yr.)
Collaboration, Task & Issue Tracking	Cron (2 yr.)
Virtualization, Containers and Orchestration	Docker Compose (3 yr.), Kubernetes (2 yr.)
SDK / API and Integrations	FastAPI (2 yr.), Swagger (2 yr.)
Deployment, CI/CD & Administration	GitLab CI (2 yr.)

QA, Test Automation, Security	Jest (1 yr.)
Web/App Servers, Middleware	Nginx (1 yr.)
Message/Queue/Task Brokers	RabbitMQ (1 yr.)
Mail / Network Protocols / Data transfer	WebRTC (1 yr.), WebSockets (1 yr.)
Other Technical Skills	Lit (2 yr.)

WORK EXPERIENCE

Team Lead, INVESTMENT PLATFORM

Duration: 04.2022 – Till now
Summary:

- Online investment service based in London
- The platform is one of the biggest providers of individual savings accounts and pensions
- The user can buy and sell assets, making a profit on the difference in price
- He could also look at his personal statistics on purchases and sales

Responsibilities: Managing team of 5 developers by providing daily meetings, plannings and retrospective; Providing leadership and guidance in backend development, ensuring the implementation aligns with project goals; Overseeing the design of databases, ensuring efficiency, scalability, and alignment with project requirements; Event-driven architecture design; Participating in technology selection; Taking a lead role in designing and implementing RESTful APIs, ensuring they meet industry standards and project specifications; Feature development; Collaborate with client and colleagues to determine functional and non-functional requirements for new software or applications; Design project architecture from scratch; Setting up communication with MongoDB database using Mongoose; Establishing a connection between AWS Lambda and API Gateway; Creating EventBridge functionality for managing investment risks and receiving real-time portfolio updates; Utilizing serverless architecture within the SAM framework, incorporating S3 storage, Lambda functions, and EventBridge. Supporting and bug fixing; Performing code reviews; Onboarding newcomers; Integration with third-party API.
Technologies: JavaScript, TypeScript, Python, Node JS, Nest JS, FastAPI, Strapi, PostgreSQL, Prisma, MongoDB, Mongoose, JWT, Cron, Docker, Docker Compose, AWS (S3, Lambda, API Gateway, EventBridge, SAM, CloudFormation), Webpack, Swagger, Kubernetes, Git, GitLab, GitLab CI/CD

Software Engineer, RECRUITING PLATFORM

Duration: 01.2021 – 04.2022
Summary:

- Software for recruiting employees in the industrial sector (construction workers, drivers, laborers)
- The application includes roles (Managers with Recruiters), where recruiters fill in information about candidates, keep accompanying information about them (where they are from, specialization, languages, experience, etc

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- Recruiters can also transfer their candidates to other recruiters when updating specific candidate information (for example, after a job interview or changing the offer amount)
- Managers are notified, and so on

Responsibilities: Full Stack development; Participating in implementing microservices architecture of the application; Implementing the business logic of the application to ensure that it meets the client's requirements; Implementing services with Nest JS and Express JS to manage receiving data; Establishing routing mechanisms within RabbitMQ to direct messages to the appropriate queues, optimizing message processing; Modeling data structure in PostgreSQL to support application requirements; Identifying and resolving performance bottlenecks in the database system; Developing a library of reusable UI components using technologies like React and Semantic-UI-React; Incorporating technologies like jsPDF and React-pdf for generating and handling PDF documents; Leveraging AWS services, including EC2, S3 for cloud-based infrastructure and storage; Developing and managing AWS Lambda functions to handle various processes and functionalities within the application architecture; Maintaining serverless, connecting AWS Lambda to events in AWS Cognito; Setting up client-side and server-side push notifications; Managing the Docker environment, including creating and maintaining Dockerfiles, images, and containers; Participating in task estimation and choosing technologies.
Technologies: JavaScript, TypeScript, Node JS, Nest JS, Express JS, RabbitMQ, TypeORM, Knex, Objection, PostgreSQL, React JS, HTML, CSS, MUI, sPDF, React-pdf, Redux, Redux-Toolkit, Redux-Thunk, Semantic-UI-React, AWS(EC2, S3, Lambda, Cognito), Nginx, Docker, Docker Compose, Git, GitLab

Software Engineer, BUSINESS MANAGER

Duration: 05.2019 – 01.2021
Summary: A project designed for bank clients (small businesses) to access information regarding their retail points, manage statistical data, integrate diverse payment methods, collect finance-related statistics, invite new employees to the system, assign roles, and designate responsibilities for specific Point of Sale (PoS) locations.
Responsibilities: Full Stack development; Maintaining PostgreSQL and MongoDB databases, ensuring data integrity, and optimizing databases performance for the application; Writing complex data queries and aggregation pipelines using MongoDB; Contributing to refactoring the frontend for performance enhancement; Implementing RESTful API endpoints to facilitate communication between the client-side application and the server; Implementing and managing middleware components and routers to ensure smooth handling of requests and responses; Creating interactive and responsive UI components using Lit to facilitate seamless user interactions; Developing admin panel using React JS;
Technologies: JavaScript, TypeScript, Node JS, Koa JS, PostgreSQL, MongoDB, Mongoose, TypeORM, Swagger, React JS, Lit, Storybook, HTML, CSS, Ant Design, Redux, Redux-Toolkit, Redux-Thunk, Git, GitLab

Software Engineer, REALLIFE MEETINGS

Duration: 04.2018 – 05.2019
Summary: The goal of the project is to develop a platform for interviews in which video chat functionality is implemented, a field for writing code in real time, as well as checking the candidate for honesty with various notifications about various actions.
Responsibilities: Backend development; Setting up and configuring NodeMailer to work with the chosen email service provider, ensuring seamless communication; Managing and maintained PostgreSQL database, ensuring data integrity, optimal database performance for the application; Writing comprehensive unit and e2e tests and using Jest; External service integration; Database query optimization; Leveraging WebSocket and WebRTC for real-time communication and video streaming capabilities; Implementing robust logging mechanisms

and integrating monitoring tools for proactive issue identification and resolution; Building clean and efficient APIs, and documenting them using Swagger.
Technologies: JavaScript, TypeScript, Node JS, Nest JS, WebSocket, WebRTC, PostgreSQL, TypeORM, NodeMailer, Jest, Git, Bitbucket

EDUCATION

- **Computer Science and Software Engineering**