

Sergiy K.

Senior Senior Full Stack Engineer

SUMMARY

- Software engineer with 6+ years in backend/fullstack development (Node.js, TypeScript, microservices), specializing in serverless architectures
- Domain expertise in Travel/Vacations and Payment/Banking systems, currently working at Guesty (data distribution channel management, Booking integrations, payment APIs)
- Built scalable distributed systems with AWS Lambda, Kubernetes, MongoDB, Kafka/ RabbitMQ; aware of serverless limitations (compliance, DB coupling, cost)
- Experience with Java, Rust, Solidity; delivered MVPs quickly (Next.js, MongoDB) and onboarded clients efficiently

TECHNICAL SKILLS

Main Technical Skills	Node.js, React, TypeScript, NestJS
Programming Languages	Java, JavaScript, Python, Rust, Solidity, TypeScript
JavaScript Frameworks	Angular, Express, NestJS, Node.js, React
Mobile Frameworks and Libraries	Fabric
Python Libraries and Tools	Fabric
JavaScript Libraries and Tools	NgRx, Redux, Redux Thunk
Databases & Management Systems / ORM	AWS DynamoDB, AWS ElasticSearch, Cassandra, Elasticsearch, MongoDB, MySQL, PostgreSQL, Redis
Cloud Platforms, Services & Computing	AWS
Amazon Web Services	AWS DynamoDB, AWS ElasticSearch, AWS Lambda, AWS SNS
Industry Domain Experience	Blockchain, SAAS
Deployment, CI/CD & Administration	Ansible
SDK / API and Integrations	API
Web/App Servers, Middleware	COM

Blockchain and Decentralized Software	Hyperledger
Message/Queue/Task Brokers	Kafka, RabbitMQ
Virtualization, Containers and Orchestration	Kubernetes, Terraform
Methodologies, Paradigms and Patterns	microservices
Other Technical Skills	Generative AI

WORK EXPERIENCE

Senior Backend, Intellias (Booking system)

Duration: Jul. 2022 - Present

Summary: A booking system where users can manage all hotel content, availability, and rate plans. The platform integrates with Booking.com to synchronize booking data, providing a comprehensive hotel management solution.

Responsibilities:

- Design and develop microservices for the platform.
- Work on syncing Booking.com with the internal system.

Technologies: Node.js, TypeScript, NestJS, MongoDB, RabbitMQ, Kafka, Kubernetes.

Senior Full Stack, Ekreative (Medical project)

Duration: Dec. 2021 - Jul. 2022

Summary: A medical platform project aimed at providing healthcare-related services. The platform supports various medical functionalities and services.

Responsibilities:

- Design and develop services for the platform.
- Lead a team of 3 members.

Technologies: Node.js, TypeScript, NestJS, MongoDB, RabbitMQ, Kafka.

Senior Full Stack, Ekreative (Enroly)

Duration: Dec. 2020 - Dec. 2021

Summary: Enroly is a university management system that helps manage all documents and personal information of students. The platform uses AWS Lambda and other cloud services to provide scalable and efficient document management.

Responsibilities:

- Develop AWS Lambda services for the platform.
- Setup migration and aggregation processes.
- Architect new services.



Technologies: Node.js, TypeScript, JavaScript, React.js, Redux.js, AWS Lambda, SNS/SQS, DynamoDB, Rust, Redis, Redux Thunk, Terraform.

Middle Backend, Shelf (Shelf)

Duration: Aug. 2020 - Dec. 2020

Summary: Shelf combines Generative AI with a modern SaaS infrastructure to keep an organization's knowledge accurate, up-to-date, and trusted, enabling agents and customers to get better answers everywhere.

Responsibilities:

- Develop API microservices for the platform.

Technologies: Node.js, React, Redux, microservices, AWS, MySQL, PostgreSQL, MongoDB, Angular, Python, Rust, Hyperledger Fabric, Terraform, ElasticSearch.

Middle Blockchain Engineer, HebronSoft (Blockchain finance platform startup)

Duration: Aug. 2018 - Aug. 2020

Summary: A blockchain-based finance platform where companies can join and use an internal cryptocurrency for transactions. The system uses Hyperledger Fabric blockchain technology to process transactions securely and transparently.

Responsibilities:

- Develop services and microservices for the application.
- Learn and write smart contracts and deploy them.
- Lead a team of 3 middle developers.
- Deploy blockchain instances for each company on their own server.
- Develop services to interact with smart contracts.
- Optimize queries and database tables for high transaction volumes.

Technologies: Node.js, Nest.js, TypeScript, MongoDB, MySQL, Cassandra, AWS, Kubernetes, Terraform, Ansible, Hyperledger Fabric, ElasticSearch.

Junior Full Stack, HebronSoft (Medical device platform)

Duration: Sep. 2017 - Aug. 2018

Summary: A platform developed for a major medical company providing personal medical devices. The platform supports device management and related medical services.

Responsibilities:

- Develop API services for the web application.
- Design database architecture.

Technologies: Node.js, Express, TypeScript, MongoDB, MySQL, Angular, NgRx, AWS.

Recommendations

- I had the pleasure of working with Sergiy during our time at Guesty, and I cannot recommend him highly enough. Sergiy is the definition of a dedicated professional. He consistently brings innovative ideas to the table and has an incredible ability to elevate



the team's performance. What truly sets him apart is his unwavering willingness to help; no matter how busy he is, he makes himself available with a positive attitude and a smile. He is a proactive problem-solver and a fantastic teammate. Any company would be incredibly lucky to have someone of his caliber. Sergiy is a great asset to any team, and I am confident he will continue to excel in everything he does - Javi I., Product Director Distribution at Guesty.

- I worked with Serhii for more than 3 years while his team was part of the R&D group I managed. He built and delivered a B2B property-management API integration, including all partner communication. He handled that relationship professionally, stayed on top of requirements, and achieved every goal for the project. Serhii is someone I would gladly work with again. - Nazar L., IT Services and Consulting.

