# Viacheslav O.
# Senior Senior Node.js/AWS Engineer

## SUMMARY

- More than 6 years of professional experience in the backend development - Proficiency at application architecture principles (including SOLID / DDD / DRY / KISS) - Understanding and efficient usage of design patterns - Project / tasks estimation (concept based, milestone, roadmap, detailed) - Agile / Scrum / Kanban (both team management & development) - Test-driven development (real unit- & acceptance- tests usage everyday) - High load optimization (both game backend and enterprise system solutions) - Upper-Intermediate English. - Available ASAP.

## TECHNICAL SKILLS

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| **Main Technical Skills** | Node.js, AWS |
| **Programming Languages** | Go, JavaScript, PHP, TypeScript |
| **JavaScript Frameworks** | Express, NestJS, Node.js, Vue.js |
| **Databases & Management Systems / ORM** | Clickhouse, MongoDB, MySQL, PostgreSQL, Redis, SingleStore |
| **Cloud Platforms, Services & Computing** | AWS, Azure |
| **Message/Queue/Task Brokers** | Apache ActiveMQ, RabbitMQ |
| **Collaboration, Task & Issue Tracking** | Atlassian Confluence, Jira |
| **Virtualization, Containers and Orchestration** | Docker, Terraform |
| **Version Control** | Git, GitLab |
| **SDK / API and Integrations** | GraphQL |
| **QA, Test Automation, Security** | Jest |
| **Blockchain and Decentralized Software** | Web3 |
| **Mail / Network Protocols / Data transfer** | WebSockets |

## EXPERIENCE

### Tech Lead, Cryptocurrency payment system

January 2022 - Now
**Description:** Platform for implementation of cryptocurrency payments.
**Responsibilities:**

- New features development.
- Manage the databases.
- Serverless configuration.
- Manage ci/cd for our project.
- Test writing.

**Technologies stack:**

- Platform based on AWS and Azure Clouds and SingleStore.
  We use serverless to deploy our api to lambda functions and web3 for work with blockchain networks.
- NestJs, TypeScript, Web3, SingleStore, Jest

### Tech Lead, Urban issues reporting platform

October 2020 - January 2022
**Description:** Platform with two web applications and IOS, Android mobile applications for watching the city situation with ability for user to create a notifications for other user on the map and dispatchers who can manage this notifications
**Responsibilities:**

- Project architecture on AWS and infrastructure.
- Manage the databases.
- Writing terraform script.
- Manage ci/cd for our project.
- New features development.
- Test writing.

**Technologies stack:**

- Platform based on AWS Cloud and MongoDB Cloud. We use terraform to deploy our setups and service configurations to them.
- NodeJs, Express, TypeScript, MongoDB, PostgreSQL, Redis, Jest

### Backend Developer, Password manager

October 2019 - September 2020
**Description:** New password manager with ios, android, web application and browser extension. Backed based on microservice architecture and AWS services, with complex cryptography and high load abilities.
**Responsibilities:**

- Main part of the backed, work with client applications and cryptography.
- Manage the databases.
- Writing golang proxies for communication between our services.
- Writing docker images.
- Manage ci/cd for our project.
- Test writing.

**Technologies stack:**

- NestJs, TypeScript, GoLang, PostgreSQL, Redis, Docker, Gitlab ci/cd

## Backend Developer, Analytics dashboards

November 2018 - September 2019
**Description:** Analytic dashboards system to introducing events statistic of big product. Based on aggregations for Clickhouse table with tens millions of events and websocket technology.
**Responsibilities:**

- Backend services on NodeJs.
- Frontend on Vue.
- Project architecture.
- Manage the databases.
- Writing complex aggregation requests to introduce proper analytic.
- Writing docker images.
- Manage ci/cd for our project.

**Technologies stack:**

- Express, GraphQL, Vue, Websockets, Clickhouse, Redis, PostgreSQL, RabbitMQ

## Backend Developer, Mailing system

September 2017 - October 2018
**Description:** Mailing service for big product with millions of active users and ability to schedule and run scalable marketing campaigns.
**Responsibilities:**

- New features development.
- Manage the databases.
- Setting up and monitoring marketing campaigns.

**Technologies stack:**

- Express, TypeScript, Redis, PostgreSQL, RabbitMQ

## Full stack PHP Developer, MetaProject

June 2015 – August 2017

- Backend for an Israeli taxi application
  Laravel, PostgreSQL
- App for Ukrainian jurists, to keep an on lawsuits and court hearings.
  Java, PostgreSQL
- Backend for delivery service
  Laravel, Vue, MySQL, C++
- Site for subscription on technical support
  Laravel, Vue, MySQL
- Api for android and ios apps for couriers and clients who needs express delivery
  Laravel, Vue, Vuex, MySQL
- Site for booking procedures in beauty salons
  Yii2, JS/Jquery, MySQL

- Site for travelers, with the ability to pave the route, getting the list of hotels, campings, interesting places on it, and book hotels, cars, other...
  CakePHP, JS/Jquery, MySQL
- System for getting an hourly list of facebook marketing campaign data and match it with weather data.
  PHP, JS, MongoDB

## EDUCATION

European University , Odessa, Ukraine
Business Economics and Law
2008 - 2013