

Viacheslav O.

Architect/Team-lead Solution Architect

SUMMARY

- More than 8 years of professional experience in backend development.
- Proficiency at application architecture principles (including SOLID / DDD / DRY / KISS).
- Understanding and efficient usage of design patterns.
- Extensive experience in designing and implementing Cloud-based solutions across various delivery methods (SaaS, PaaS, IaaS), enhancing scalability, flexibility, and cost-efficiency.
- 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).

TECHNICAL SKILLS

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|--|---|
| Main Technical Skills | Node.js, PHP |
| Programming Languages | Go, JavaScript, PHP |
| JavaScript Libraries and Tools | ES6, Mongoose |
| JavaScript Frameworks | Express, NestJS, Node.js |
| Databases & Management Systems / ORM | AWS DynamoDB, Clickhouse, MongoDB, MySQL, PostgreSQL, Redis |
| Cloud Platforms, Services & Computing | GCP |
| Amazon Web Services | AWS Cloudformation, AWS Cognito, AWS DynamoDB, AWS EC2, AWS Lambda, AWS RDS (Amazon Relational Database Service), AWS S3, AWS SAM, AWS SQS, AWS VPC |
| Collaboration, Task & Issue Tracking | Atlassian Confluence, Jira |
| Methodologies, Paradigms and Patterns | Clean Architecture, FDD, Kanban, Scrum, SOLID, TDD |

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|---|--------------------------------|
| Virtualization, Containers and Orchestration | Docker, Terraform |
| Version Control | Git |
| SDK / API and Integrations | GraphQL |
| QA, Test Automation, Security | Jest |
| Message/Queue/ Task Brokers | RabbitMQ |
| BlockChain and Decentralized Software | Web3 |
| Mail / Network Protocols / Data transfer | WebSockets |
| Other Technical Skills | Building Cloud-based solutions |

EXPERIENCE

Node.JS Engineer

November 2020 - now

Backend Developer

August 2017 - November 2020

PHP Developer

August 2016 - July 2017

PHP Developer

March 2015 - July 2016

PROJECTS

Exactitude

Duration: March 2023 - now

Summary:

- Exactitude SaaS platform that aggregates data from 1 public source pertaining to the talent pool and constantly updates it through the backend
- This is the tool for recruitment agencies and in-house HR that provides the database of potential candidates in specific industries



Responsibilities: Architecture design. Roadmap planning. Database and infrastructure management. CI/CD implementation. Application and microservices design and code writing.

Technologies: Services: AWS Cognito, AWS EC2, AWS Lambda, AWS ECR
Databases: MongoDB Programming languages: TypeScript Libraries: Formik State Management: Redux-toolkit Frameworks: Next.js

Digital Payment Application

Duration: November 2022 - March 2023

Summary: Digital Payment Application offer one Banking as a Service solution for onboarding of business and corporate clients, GBP bank accounts, AML, Transaction monitoring, fraud prevention, domestic and cross-border payment in multiple currencies via API and white label solution.

Responsibilities: New functionality implementation and modules. Enhancement and code refactoring. Designing structure of database tables. Documentation development and support.

Technologies: Services: AWS Cognito, AWS S3, AWS RDS, AWS SQS, AWS API Gateway, AWS Lambda Databases: PostgreSQL, Redis Frameworks: Jest
Technology: NodeJS

Cryptocurrency payment system

Duration: April 2022 - October 2022

Summary:

- Platform for implementation of cryptocurrency payments
- Provides the ability to include cryptocurrency payments in any web service

Responsibilities: New features development. Database management. Serverless resources configuration. CI/CD management Test implementation.

Technologies: Application programming interface: Web3 Programming languages: TypeScript Frameworks: Jest, NestJs Technology: NodeJS Cloud Computing Platforms: Amazon AWS, Microsoft Azure

Urban issues reporting platform

Duration: November 2020 - April 2022

Summary: 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. Databases management. Writing Terraform script. Managing CI/CD for project. New features development. Tests implementation.

Technologies: Services: AWS Cognito, AWS S3, AWS RDS, AWS SQS, AWS SES, AWS API Gateway, AWS Lambda Databases: Redis, MongoDB Programming languages: TypeScript, JavaScript Frameworks: Jest, Express Infrastructure as Code: Terraform



Password manager

Duration: October 2019 - November 2020

Summary:

- 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 backend, work with client applications and cryptography. Databases management. Implementing golang proxies for communication between our services. Implementing docker images. CI/CD management. Implementing tests.

Technologies: CI/CD: GitlabCI Databases: PostgreSQL, Redis Programming languages: TypeScript, Go Containerization: Docker Frameworks: NestJs Technology: NodeJS

Analytics dashboards

Duration: November 2018 - September 2019

Summary:

- Analytic dashboards system to introducing events statistic of big product
- With aggregation of big data
- Based on aggregations for Clickhouse table with tens millions of events and websocket technology

Responsibilities: Backend services implementation. Frontend implementation. Project architecting. Databases management. Implementing complex aggregation requests to introduce proper analytic. Implementing docker images. CI/CD management.

Technologies: Databases: PostgreSQL, Redis, RabbitMQ Frameworks: VueJS, Express Technology: NodeJS

EDUCATION

- **European University**

Master's degree in Business Economics and Law
2008 - 2015

CERTIFICATION

- **AWS Certified Cloud Practitioner**

Fundamental understanding of IT services and their uses in the AWS Cloud
Issued on 2021-05-01

