Vladyslav Kalashnyk

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SKILLS

Programming languages/platforms:	Node.js, JavaScript, TypeScript;
Databases:	MongoDB, Redis, DynamoDB, PostgreSQL, MySQL, ElasticSearch;
Web frameworks:	Express.js, NestJS, Apollo GraphQL, Koa;
Infrastructure, delivery and build tools:	AWS, Docker, Kubernetes, Webpack, Jenkins, ArgoCD;
Logging and monitoring tools:	Datadog, ELK, Amazon CloudWatch;
Frontend frameworks:	React, Angular, jQuery.

WORK EXPERIENCE

Software Engineer at BetterHealthcare, New York City, US — Feb 2022 – Nov 2022

- Developed and maintained a federated GraphQL API that fetched data from over 25 dockerized AWS hosted Node.js microservices;
- Performed requirements gathering, documentation, implementation, testing and delivery of new features;
- Accomplished a complex migration of data in PostgreSQL and DynamoDB in response to a change to the third party integration contract, that allowed to onboard a wider set of customers;
- Improved project progress visibility for stakeholders by introducing bi-weekly deployments, estimation and planning in the team.

Technical Team Lead at Xenoss, Kyiv, Ukraine — Feb 2021 – Jan 2022

- Designed, developed, and maintained 6 Node.js microservices, that were deployed with Dockerized containers hosted on AWS through a CI/CD pipeline in Jenkins;
- Led a team of four people to build two new integrations with major marketing platforms, while supporting existing integrations;
- Increased engineering team retention that helped to grow the project from 8 to 15 engineers by introducing personal development planning;
- Found a major security vulnerability with the handling of user sessions and fixed it by implementing SAML and OAuth authentication processes.

Software engineer at Brightgrove, Kharkiv, Ukraine — Aug 2020 – Nov 2020

- Wrote an architectural review of the usage of Cloud computing services and steps to reduce costs by 20%;
- Wrote two reports on the team performance as well as steps needed to improve it in the future.

Software engineer at Dev.Pro, Kharkiv, Ukraine — Jun 2017 – Jul 2020

- Developed a client facing API (powered by AWS Lambda/Node.js) for an online ordering solution to support both newly created and legacy enterprise level Point of Sale systems;
- Created a service to monitor availability of approximately than 15 000 Point of sale devices, that peformed under a load of 300 000 messages per minute;
- Worked on a highly customizable dynamically generated websites in Angluar 4 to be used for online ordering;
- Integrated with the three of the biggest food delivery providers in US;
- Provided monitoring and data visualization from system logs (using ELK stack) to a newly accquired project to reduce the number of errors from 20% to 1%;
- Supported a test suite for all projects, covering functionality with unit and end to end tests;
- Interviewed future team members.

Junior software developer at Brander Studio, Kharkiv, Ukraine — Aug 2016 – Jun 2017

- Developed a REST API for a mobile application that is used as a booking service and an aggregator of beauty salons, with a complex filtering on geo location, work schedules and masters' availability;
- Developed several simple landing pages as well as an admin webpage to manage occupancy, bookings and gather statistical data;
- Implemented a highly resilient message broking service based on RabbitMQ that wass able to process up to 500 transactions under a minute for a currency exchange website.

EDUCATION

Master of Mathematics, — 2014 − 2016
University of California, Irvine

Master of Mathematics, — 2013 − 2014
V.N. Karazin Kharkiv National University, Kharkiv, Ukraine

Bachelor of Mathematics — 2009 − 2013
V.N. Karazin Kharkiv National University, Kharkiv, Ukraine