KOSTIANTYN BAIDUSH

Senior Full-Stack Engineer [Node, Python, AI, AWS, GCP]

☎ Phone   @ kostiantyn.baidush@gmail.com   🔗 https://www.linkedin.com/in/kostix
🔗 https://kostix.tech   📍 Los Angeles, CA.   ☆ https://github.com/baidush

SUMMARY

Over 16 years of web programming experience with expertise in the following areas:
- In-depth knowledge of cloud platforms such as AWS and GCP
- Extensive use of TypeScript-based backend development for RESTful API
- Proficiency in designing micro-service architecture solutions
- Significant experience with JS frontend frameworks, including Angular, React, Vue, Gatsby
- Strong backend framework expertise in Nest JS, Express, FastAPI, Symfony with a notable 4 years of experience with the Nest JS
- Diverse project experience spanning Broadcasting, I-Gaming, Real-time mobile apps, E-commerce, and Social media web apps
- Extensive expertise in backend development, complemented by a deep understanding of web and mobile frontend technologies

SKILLS

| Node JS | React JS | Nest JS | Next JS | Angular | Express JS | Vue JS | TypeORM | Mongoose | FastAPI | Symfony |

| TypeScript | JavaScript | PHP | Python | GoLang | PostgreSQL | MySQL | MongoDB | Firebase | Redis | DynamoDB |

| GraphQL | ElasticSearch | BigQuery | Cloud SQL | RabbitMQ | Kafka | Kinesis | WebSockets | WebRTC | AWS | GCP |

| Heroku | Vagrant | Docker | Kubernetes | Terraform | Lambda | Api Gateway | Cloud Front | Fargate | SQS |

EXPERIENCE

12/2023 - 02/2024

Los Angeles, CA

Software Python Engineer

Involve.ai
- ChatGPT API integration
- **Project:** R2D2

04/2021 - 05/2023

New York (remote)

Senior Node JS/Typescript Engineer

Twizted Design
- Implementing a scalable REST API using TypeScript, conducting JEST e2e tests, and setting up DEV-OPS and a CI/CD pipeline using GitHub Actions
- AngularJS frontend development and extensive refactoring from native JavaScript to TypeScript
- Significant achievements in performance and scalability, readability and efficiency with strict types and benefits given by TypeScript
- **Stack:** *TypeScript, JavaScript, Github, AWS, Heroku, Redis, Grafana, Nest JS, Angular JS, MongoDB*
- **Project:** Videoflow

09/2020 - 04/2021

Sweden (remote)

Senior Node JS/Typescript Engineer

Addressya AB
- Scale the Node JS based REST API on Firebase serverless architecture, implemented a list of 3rd party integrations, had a risk management responsibilities and typescript integrations for the backend part
- Provided a Firestore migration workflow, refactoring workflow, mentoring and presentations, research the app algorithms, sprint planning
- **Stack:** *Node JS, TypeScript, JavaScript, GCP, Firebase, BigQuery, React Native, REST API, Cloud Functions*
- **Project:** Addressya

11/2019 - 07/2020

Kyiv (on-site)

Senior Node JS/Typescript Engineer

Betinvest Ltd
- Made key architectural decisions that significantly contributed to the scalability and maintainability of the CMS platform and back office in the IGaming industry
- Collaborated with cross-functional teams to address complex architectural challenges, fostering an environment of knowledge sharing and problem-solving
- **Stack:** *Node JS, TypeScript, JavaScript, GitLab, Nest JS, React JS, Rabbit MQ, Web Sockets*
- **Project:** https://betinvest.com

12/2018 - 11/2019

Kyiv (on-site)

Senior Node JS/Typescript Engineer

Noisy Miner
- Development of a NodeJS based REST API using TypeScript and Express.js, adopting a microservice architecture on Google Cloud Platform (GCP) with integration to BigQuery and key-value storage
- Comprehensive E2E and unit tests were implemented to ensure thorough coverage
- Implemented a new version of DB model using TypeScript
- Provided a BigData migration script to transfer the data from Realtime DB to Firestore
- Escaped bottlenecks with database requests and manage data limitations effectively consider the strategies provided by Firestore, new TypeScript based DB queries and web-hooks between Firestore and BigQuery
- **Stack:** *Node JS, TypeScript, Express JS, Web Sockets, BigQuery, Realtime DB, Firebase, Firestore, Fire ORM, Web Hooks*
- **Project:** https://clawee.com

EXPERIENCE

10/2017 - 09/2018 Poland (on-site)	### Senior Node JS/PHP Engineer **Edvantis** · Developing functionality for individual components of microservices architecture and Angular based micro-frontends · **Stack:** *Node JS, PHP, Ruby, PHPUnit, Angular, Mongo, MySQL, GCP, Microservices, Circle CI, Redis* · **Project:** BigCommerce
05/2016 - 10/2017 Kyiv (on-site)	### Senior PHP Engineer **TireConnect** · TireConnect Architecture solutions due to the fintech platform. Implemented new Rest API platform from scratch due to specifications · 60% of Unit Test coverage · **Stack:** *PHP, MySQL, Symfony, JavaScript, JQuery* · **Project:** https://www.tireconnect.ca
02/2014 - 01/2016 Kyiv (on-site)	### Software PHP/JavaScript Engineer **Software Mackiev** · Architecture solutions due to the e-learning platform. Implemented Multi-tenant solution regarding the specifications · **Stack:** PHP, JavaScript, MySQL, JQuery · **Project:** https://www.mackiev.com
04/2011 - 01/2014 Kyiv (on-site)	### Software PHP/JavaScript Engineer **Platinum Bank** · Internal CRM development and support · Workflow for restructuring credit debts · **Stack:** PHP, JavaScript, MySQL, JQuery
12/2010 - 08/2011 Kyiv (on-site)	### Software PHP/JavaScript Engineer **Otpusk** · Web-based CRM system and portal. Implemented the JQuery cross-domain widget regarding the specifications · **Stack:** PHP, JavaScript, JQuery, MySQL
09/2008 - 12/2010 Kyiv (on-site)	### Software PHP/JavaScript Engineer **Digital Ventures** · The development of a scalable Internet portal. Implemented new section of portal due to the specification · **Stack:** PHP, JavaScript, MySQL, JQuery, Memcached

EDUCATION

06/2008	### M.Sc. in Computer Science **Kremenchuk Mykhailo Ostrohradskyi National University**
06/2007	### B.Sc. in Computer Science **Kremenchuk Mykhailo Ostrohradskyi National University**

LANGUAGES

English (C1 Certified)	Ukrainian/Russian (Native)	Polish (B2)

CERTIFICATION

English, C1 Advanced Speak Up Language School Kyiv	**OOP, Design Patterns** JUJA Online Courses
Google Cloud Platform Fundamentals Coursera	**Generative AI for Software Developers Specialization** IBM (Coursera)

INTERESTS

Music, drummer (Youtube), GYM, Running, Traveling

Date: Mar 03, 2024