

KOSTIANTYN BAIDUSH

Senior Node JS Engineer

📞 Phone

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📍 Los Angeles, CA.

🔗 <https://www.linkedin.com/in/kostix>

☆ <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

04/2021 - 05/2023

New York (remote)

Senior Node JS/Typescript Engineer

Twisted 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
- Implemented auto-scalable event-sourcing microservice architecture
- Conducted regular code reviews to ensure adherence to standards
- 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 | ● | Senior Node JS/PHP Engineer |
| Poland (on-site) | | Edvantis <ul style="list-style-type: none">Developing functionality for individual components of microservices architecture and Angular based micro-frontendsStack: Node JS, PHP, Ruby, PHPUnit, Angular, Mongo, MySQL, GCP, Microservices, Circle CI, RedisProject: BigCommerce |
| 05/2016 - 10/2017 | ● | Senior PHP Engineer |
| Kyiv (on-site) | | TireConnect <ul style="list-style-type: none">TireConnect Architecture solutions due to the fintech platform. Implemented new Rest API platform from scratch due to specifications60% of Unit Test coverageStack: PHP, MySQL, Symfony, JavaScript, JQueryProject: https://www.tireconnect.ca |
| 02/2014 - 01/2016 | ● | Software PHP/JavaScript Engineer |
| Kyiv (on-site) | | Software Mackiev <ul style="list-style-type: none">Architecture solutions due to the e-learning platform. Implemented Multi-tenant solution regarding the specificationsStack: PHP, JavaScript, MySQL, JQueryProject: https://www.mackiev.com |
| 04/2011 - 01/2014 | ● | Software PHP/JavaScript Engineer |
| Kyiv (on-site) | | Platinum Bank <ul style="list-style-type: none">Internal CRM development and supportWorkflow for restructuring credit debtsStack: PHP, JavaScript, MySQL, JQuery |
| 12/2010 - 08/2011 | ● | Software PHP/JavaScript Engineer |
| Kyiv (on-site) | | Otpusk <ul style="list-style-type: none">Web-based CRM system and portal. Implemented the JQuery cross-domain widget regarding the specificationsStack: PHP, JavaScript, JQuery, MySQL |
| 09/2008 - 12/2010 | ● | Software PHP/JavaScript Engineer |
| Kyiv (on-site) | | Digital Ventures <ul style="list-style-type: none">The development of a scalable Internet portal. Implemented new section of portal due to the specificationStack: PHP, JavaScript, MySQL, JQuery, Memcached |

EDUCATION

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|---------|---|---|
| 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

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

CERTIFICATION

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

INTERESTS

Music, drummer ([Youtube](#)), GYM, Running, Traveling