

Based in Miami, FL - (929) 662-9272 - yaroslav.nosenko.mail@gmail.com
yaroslavnosenko.com - linkedin.com/in/yaroslav-nosenko

Yaroslav Nosenko

Full Stack Software Engineer

- Full Stack Software Engineer with over 5 years of industry expertise spanning cryptocurrency ATMs, telecommunications, and fintech.
- Expertise in React, Next.js, Redux, MaterialUI, TailwindCSS, and UI/UX design, focusing on delivering intuitive user interfaces.
- Developed internal UI component libraries and implemented white-label UIs with configuration support using the brand server.
- Worked on various product interfaces, including bank account UIs, customer support chat interfaces, and ATM purchase flows.

SKILLS

- *Languages:* Javascript, Typescript, Java, Python, SQL, HTML, CSS3, TailwindCSS
- *Frameworks:* React, Next.js, Angular, Node.js, Spring Boot, Flask, TensorFlow, Selenium
- *Technologies:* Bitbucket, Git, AWS, Vercel, PostgreSQL, MySQL, MongoDB, Jenkins, Redis, Pandas, Hibernate, JPA, Kafka, Docker, Microservices, Terraform, GraphQL, Kubernetes
- *Other:* Troubleshooting, Scrum, Agile, RESTful API, CI/CD, Jira, Confluence, Snky.

WORK EXPERIENCE

Bitstop (04/2024 - Present) (Coral Gables, FL)

Software Engineer

- Fullstack developer in the cryptocurrency ATM industry, responsible for both machine software and application code.
- Developed new and supported existing features for Kiosk machines using *React*, *SignalR* and *C#*-based stack, enhancing user experience and functionality.
- Improved customer account features by leveraging *React*, *Redux*, and *Material-UI*, resulting in a more intuitive and efficient user interface.
- Engineered a microservice architecture utilizing *RabbitMQ*, *Python (Flask)* and *PostgreSQL*, optimizing system performance and scalability.
- Actively engaged in *Agile* and *Scrum* practices, contributing to iterative development and continuous improvement through code reviews and teamwork.

Infobip (08/2020 - 07/2023) (Kosice, Slovakia)

Software Engineer

- Fullstack developer on the Contact Center as a Service product with a micro-frontends architecture, leveraging *React*, *Typescript*, *Java* and *Spring Boot*.
- Improved product capabilities through rigorous adherence to the "Definition of Done," employing *Mocha.js* for testing. Resulted in a significant boost in code quality, with a 80% unit test coverage across the entire codebase.

- Optimized customer preference retrievals by transitioning to *GraphQL*, with *Redis* caching, resulting in a 25% reduction in initial load time.
- Supported the implementation of a microservices infrastructure by utilizing *Spring Boot*, *Hibernate*, *Redis*, *Oracle DB*, *Docker*, and deploying on *AWS*.
- Boosted development efficiency by crafting reusable components for an internal *React* components library, cutting development time by 30%.
- Implemented a white-label customization solution for clients, allowing the customization of the product UI. This was achieved by utilizing *Amazon S3*, *Lambda*, *React*, and *Amazon RDS* in the development process.
- Leveraged *Bitbucket*, *Jenkins*, *Docker*, *Snyk*, and *JFrog* for streamlined code management and optimized deployment processes.

Wirecard (05/2019 - 06/2020) (Munich, Germany) (Remote)

Software Engineer

- Contributed to crafting a secure Virtual Wallet solution by employing *React*, *Typescript*, *Java*, *Hibernate*, *Spring Boot*, and *RESTful API*. Implemented a microservices architecture to elevate scalability.
- Collaborated with UI/UX designers and Business Analysts to transform designs into interactive web elements using *React*, *Bootstrap*, and *SASS*.
- Proactively planned *Epics*, *Tasks*, and *Bug* fixing tasks, actively participating in a Scrum environment, contributing to Sprint Planning, Sprint Review, Grooming and Retrospective meetings. Leveraged *Atlassian* tools like *Jira* and *Confluence* to enhance collaboration and streamline project management processes.
- Implemented *Jenkins* builds to execute automated *Selenium* tests and streamline the deployment process.
- Engineered a microservices-oriented OTP authentication system utilizing *Spring Boot*, *Typescript*, and *React*, integrating *Websockets* to achieve real-time verification for financial transactions.
- Employment ended due to the [collapse of Wirecard](#).

EDUCATION

Technical University of Kosice (Kosice, Slovakia) (2017-2022)

Masters of Computer Science with a concentration in Artificial Intelligence

Selected Coursework:

- Advanced Software Engineering, Advanced Web Design (Javascript), Systems Engineering, Cloud Computing, Introduction to Machine Learning, Data Science, Introduction to NLP.

Open Source and Personal Projects:

- *RuneUI*: a web UI for local LLM projects with document knowledge and embedding support.
- *Solidum*: Web3 platform for NFTs and a decentralized application that takes any uploaded file, processes it through the SHA-3 hash algorithm, and mints it into a unique NFT token.
- *Recode*: QR code menu web application tailored for restaurants and bars, enabling clients to effortlessly view the menu by scanning a QR code and instantly place an order.