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# Yaroslav Nosenko

*Full Stack Software Engineer*

## WORK EXPERIENCE

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### **Infobip (2020-2023) (Kosice, Slovakia)**

*Software Engineer*

- Fullstack developer on the Contact Center as a Service product with a micro-frontends architecture, leveraging *React*, *Angular*, *Typescript*, *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 robust microservice infrastructure using *Docker* and deploying on *AWS*.
- Boosted development efficiency by crafting reusable components for an internal *React* components library, cutting development time by 30%.

### **Wirecard (2018-2020) (Munich, Germany) (Remote)**

*Software Engineer*

- Contributed to the development of a secure Virtual Wallet solution using *React*, *Typescript*, *Spring Boot*, and *Node.js*, incorporating a microservices architecture for enhanced scalability.
- Collaborated with UI/UX designers and Business Analysts to transform designs into interactive web elements using *React*, *Bootstrap*, and *SASS*.
- 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

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### **Technical University of Kosice (Kosice, Slovakia)**

*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 an 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.

## SKILLS

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