Yaroslav Nosenko

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Software Engineer with 5+ years of in-depth experience with strong project architecture planning skills. Dedicated to achieving excellent results, I bring a sharp analytical mindset to drive innovation, lead teams and develop robust systems. My approach is anchored in loyalty, direct communication, and a relentless pursuit of feature enhancement, ensuring optimal outcomes for customers.

EXPERIENCE

INFOBIP,   **Kosice, Slovakia**
Software Engineer   *August 2020–June 2023*

- Developed the CCASS project, implementing a robust microservice infrastructure using *Docker* and deploying on *AWS*, while also crafting the UI using *React*, *Typescript*, *Spring Boot (Java)* and *Node.js (Express.js)*.
- Revamped product capabilities by strictly adhering to the Definition of Done, utilizing *Mocha.js* for testing, leading to a notable enhancement in code quality, evidenced by an impressive 80% unit test coverage across the entire codebase.
- Transformed the efficiency of customer preference retrievals by transitioning from *REST* to *GraphQL* and integrating *Redis* caching, culminating in a dramatic 25% reduction in the application's initial load time.
- Fortified system security across 5 key projects by swiftly tackling and mitigating Critical, High, and Medium-risk vulnerabilities, as highlighted in the *Snyk* (code security system) report.
- Enhanced development efficiency by contributing to an internal *React* components library, crafting reusable components that reduced development time by 30%.
- Played an instrumental role in the adoption of *Agile* and *Scrum* methodologies within the organization, using tools like Jira to streamline processes, leading to a 30% increase in project delivery speed.
- Delivered a presentation on non-Neural Network AI algorithms during an internal tech talk, engaging the audience of fifty developers with a QA session and real world examples.

WIRECARD,   **Kosice, Slovakia**
Software Engineer   *May 2018–June 2020*

- Contributed to the development of a Virtual Wallet solution, leveraging *React*, *Typescript*, *Spring Boot* and *Node.js*, while ensuring stringent security standards were upheld.
- In a team of twelve, collaborated with UI/UX designers and Business Analysts to transform designs into interactive web elements using *React*, *Bootstrap*, and *SASS*. My contributions ensured pixel-perfect interfaces and enhanced user experience through responsive design.
- Spearheaded the construction of a *Node.js* mock-server, aligned with the *Swagger* documentation of our live server. This strategic initiative streamlined UI development and testing, lowering the overall development time by 35%.
- Developed a microservice-based *OTP* authentication system using *Node.js*, *Typescript* and *React*, leveraging *Websockets* for real-time financial transaction verification. This advancement heightened user security and significantly optimized the authentication workflow.

PROJECTS
Personal

- Solidum, solidum.app; 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, recode.menu; 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.

EDUCATION

TECHNICAL UNIVERSITY OF KOSICE   **Kosice, Slovakia**
Department of Cybernetics and Artificial Intelligence
Master of Science in Computer Science

Courses: Machine Learning, Data Science, Mathematics, Business Intelligence, NLP.
Capstone project: Navigation of a Robotic Swarm Using Edge Computing Resources.

SKILLS

- **Languages:** Javascript, Typescript, Java, Python, SQL, HTML, CSS.
- **Frameworks:** React, Next.js, Node.js, Spring Boot, Flask, Pandas, TensorFlow, Mocha.
- **Styling:** SASS, Bootstrap, TailwindCSS.
- **Databases:** PostgreSQL, MongoDB, MySQL, Firebase, Redis, Elasticsearch.
- **Tools & Platforms:** Git, Docker, Jenkins, AWS, GraphQL, Hasura, Swagger, Snyk.
- **Others:** RESTful API design, Agile methodologies, CI/CD, Responsive Web Design.