Tomáš Horička

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Bratislava - 841 04, Slovakia

EXPERIENCE

• Deuss [] *June 2025 - present*
Blockchain developer Bratislava, Slovakia

◦ Developed on-chain integrations and application logic within the on-chain team.

◦ Built, maintained, and optimized the application's blockchain indexer (Subsquid).

◦ Implemented and automated DevOps pipelines, deployments, and runtime operations.

◦ Designed and developed smart contracts and related tooling for the application.

• DITEC a.s.[] *April 2025 - June 2025*
Junior Software Analyst Bratislava, Slovakia

◦ Architected and implemented UML-driven software solutions, ensuring maintainable design and consistent documentation.

◦ Led customer communication: aligned scope, and converted feedback into actionable engineering tasks.

◦ Engineered mission-critical information systems for Slovak Railways (**ŽSR**), delivering robust features from concept to production.

EDUCATION

• Faculty of Informatics and Information Technologies STU *September 2022 - June 2025*
Bachelor's degree Bratislava, Slovakia

◦ AVG grade: 1.91

• Faculty of Informatics and Information Technologies STU *September 2025 - present*
Master's degree Bratislava, Slovakia

PROJECTS

• Semantic Blockchain 2025
Tools: ReactJS, Node JS, Postgres, Fast API, Subsquid, Semantic Web []

◦ As a part of my Bachelors thesis, developed a system to index and transform blockchain data to enable dataset interconnection.

• NFTones: NFT collection website 2022
Tools: HTML, CSS, Javascript, ReactJS, Node JS, Hardhat, ethers.js, Solidity, Three.js []

◦ Developed an interactive 3D website for a NFT song collection

HONORS AND AWARDS

• Competition Achievement 2024
ETH Bratislava 2024 []

◦ 1st place for public good track with the Etheral Fund project

• Competition Achievement 2025
ETH Bratislava 2025 []

◦ 2st place for public good track with the Ledger Lens project

SKILLS

• **Programming Languages:** C, Python, Bash, Solidity, Javascript, Typescript

• **Frameworks:** Foundry, React JS, GraphQL

• **Database Systems:** PostgreSQL

• **Data Science & Machine Learning:** Excel, Pandas, Numpy

• **DevOps & Version Control:** Git, Gitlab CI, Docker, Docker compose

• **Specialized Area:** Blockchain technologies, Decentralized applications

ADDITIONAL INFORMATION

Languages: Slovak (C2), English (B2), Russian (A2)