**Mykhailo Savchuk**

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*Genslerstrabe 86, Berlin Reinickendorf, Berlin, Germany*

**Blockchain Engineer | Smart Contract | Dapp | Flashbots**

Always enjoyed exciting and complex challenges. For years, focused on Algorithms, understanding data structures, and solving genuinely complicated problems. With years of experience in C++, JavaScript, Solidity, Node.js, Python, Machine Learning and MySQL.

Expert knowledge of blockchain architecture, the Ethereum network, and enough knowledge of the blockchain market.

**WORK EXPERIENCE**

**Senior Full Stack developer**

4/2022 - 4/2023

*CLUSTER ONE*

*https://cluster-one.eu/*

*Monchengladbach, Germany*

* Improved request times by an average of 25% by changing JSON serialization.
* Integrated Stripe/Paypal/Cryptocurrency payments and eliminated the automated billing process.
* Improved user engagement by gathering analytics and presenting the user with personalized content.
* Implemented a survey building tool for institutional clients.

**Blockchain Engineer**

11/2020 - 4/2022

*Web Tech LLP*

*http://ww17.webtechllp.com/*

*Berlin, Germany*

* Researched blockchain **Technology**, **Smart Contracts**, and **Cryptocurrency** exchange systems.
* Built the Backend server using **NodeJS** and **Python** for monitoring Ethereum contracts and creating transactions.
* Developed **NFT** game asset’s **Marketplace, Staking**
* Crypto Bot development using **Ethers** in **Python**
* Expertise in **Hardhat, Ganache, Chai**
* Experienced in Trading platform (**Stocks, Forex, Option, Futures**)
* Configured and deployed a cryptocurrencies exchange, along with all its many dependencies. Configured and deployed private **Bitcoin, Ethereum**, and **XRP** networks.
* Developed the **Backend** using **Python** Web Services and Hibernate with **MySQL** and **MongoDB**.

**Backend Developer**

10/2019 - 10/2020

*BIG 5 Concepts*

*https://www.john-it.com/*

*Osnabruck, Germany*

* Developed the Backend using **Spring Boot** and **MySQL** of an application for Betting platform.
* Served the endpoints using the **TypeScript(NodeJS) and MongoDB** for appointment system
* Automated deployments of the Backend **Python** code and Frontend **React** code on **AWS**.
* Designed corresponding database schema for **MySQL** and **MongoDB**.
* Implemented unit tests using an in-memory database approach as well as integration tests for API endpoints.
* Set up the automatic generation of documentation for the API endpoints based on the **JSON** Schema models.

**Web Developer**
2/2018 - 10/2019

*CODERS.DEV*

*https://www.coders.dev/*

*Stuttgart, Germany*

* Created a C++ add-on for NodeJS for data passing to a parallel thread, processing, and returning to the JavaScript environment(Utilized the V8 JavaScript Engine api and the Libuv Library).
* Worked on an HR system, implemented a socket-based real-time application that managed process the system, and optimized and channels with binary protocols.
* Created a NodeJS parallel processing add-on to analyze statistical data from chats for further AI input data. Developed binary protocols for data processing and transportation.

**EDUCATION**

**Bachelor of Technology (BTech) – Computer Engineering**

April 2013 - January 2018

University of Mannheim, Germany

**CERTIFICATION**

**Problem Solving**

*<https://www.hackerrank.com/certificates/634d80cf9220>*

**JavaScript**

*<https://www.hackerrank.com/certificates/a328df2a57f1>*

**NodeJS**

*<https://www.hackerrank.com/certificates/321db95cfb0d>*

**SQL**

*<https://www.hackerrank.com/certificates/c79543978960>*

*<https://www.hackerrank.com/certificates/6206a83ac746>*

**REST API**

*<https://www.hackerrank.com/certificates/3dab177eada6>*

**React**

*<https://www.hackerrank.com/certificates/41cef9539a3e>*

**CSS**

<https://www.hackerrank.com/certificates/18869fe9a5e0>