

Selim ERÜNKUT

Software Engineer

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<https://github.com/selimerunkut/>

Profile

15+ years of experience in Software Development.

6 years in the Blockchain industry

Strong passion for Software development, Cryptocurrency Technologies and their potential.

Expert knowledge and experience in Object oriented Design and Programming concepts.

Project Management with S.M.A.R.T.; Kanban and Scrum.

Successful project implementation in a multidisciplinary environments.

Proven talent for both strategic planning and results-oriented execution

Working with geographically distributed teams in English.

Able to manage multiple projects and priorities with deadlines.

Leadership and clearly communicating with people of diverse backgrounds at all levels of authority.

Motivated and passionate to produce performant and robust software.

Experience in writing technical documentation such as end-user documentation, technical documents, white papers.

Passionate about learning new technologies to implement them for real life use cases.

Experience with complete Software Development Life Cycle including architecture, documentation, development and unit testing of application.

Experience with AWS and Google Cloud technologies.

Work Experience

Co-Founder - CypherX

February 2021- present (remote work, distributed teams)

- Technological Due Diligence for Web3 Startups
- RWA tokenization solutions
- NFT Minting dApps
- Solana NFT collections and market places
- Smart Contract based NFT Marketplaces development for EVM chains
- Software Solutions, Apps and SaaS development for different Industries

Interim CTO - Novem Blockchain

February 2021 - present (remote work, distributed teams)

- Smart Contract Development for Gold Tokens & Staking

- Application and dApp development for the digital gold business
- Infrastructure and DevSecOps

CTO - Novem Gold AG

June 2020 - February 2021, Vaduz, Liechtenstein (remote work, distributed teams)

Software Engineer - Novem Gold AG

October 2019 - June 2020, Vaduz, Liechtenstein (remote work).

Assisting the CTO & Software Engineering

- NEO Blockchain Smart Contract Development and Airdrops
- Server Setup & Management
- Creating Static Websites and hosting on CDNs (Cloudflare)
- Implementing Automated Security Audits
- Restful Applications with Ruby on Rails

Languages/Frameworks

Python, Rust, Ruby on Rails, Solidity, Typescript, Next.js, ES6

Technologies

NEO-Python SDK, Swagger, Postgres, BDD Testing, Smart contract development with Foundry, Hardhat, Truffle, Cloudflare, AWS, Google Cloud, Middleman, Jekyll and many more

Deputy Head of IT - Jobvector

November 2016 - 2019, Dusseldorf, Germany.

Software Engineer - Jobvector

November 2013 - 2016, Dusseldorf, Germany.

- Performed in the roles of Project management and Software Development.
- Helped with the hiring process, mentoring new members of the team.
- Strong knowledge of Refactoring & Quality Assurance; PHP PSR Standards.
- Managed Projects like:
 - API for data transfer between Jobvector Portal and CRM
 - Creating company wide Data Warehouse solutions.
 - Visualization & Interpretation of application log files with the ELK Stack
 - Web services (SOAP and REST)
 - CRM Migration
 - Continuous Integration
 - Migration from SVN to GIT
 - Updating Apps to PHP 7
- Standup/Scrum Meetings, estimate effort of work points for given sprint stories/tasks during sprint planning, and retrospective meetings at the end of the sprint.

Languages/Frameworks

PHP7, Zend Framework, JavaScript, JQuery, HTML5, CSS3, Bash/Shell Script, Bootstrap, PHPUnit

Technologies

Git, Gitlab, GitHub REST, MySQL, Elasticsearch, Logstash, Kibana, Nginx, Filebeat, LAMP, Kanban, Jenkins, Jira, Selenium Webdriver, Google (Analytics, API, Cloud), Flask, doctrine/dbal, PHP_CodeSniffer

Software Development & Project Management - Netzgarten GmbH

August 2012 - November 2013, Vienna, Austria.

Freelancer - Software Developer - Nexxar GmbH

June 2011 - July 2012, Vienna, Austria.

Education

Vienna University of Technology

Bachelors of Science in Business Informatics

2013, Vienna, Austria

Skills/Achievements

Languages/Frameworks

PHP7, Zend Framework, JavaScript, JQuery, HTML5, CSS3, Bash/Shell Script, Bootstrap, PHPUnit, Rails

Technologies: Git, Gitlab, GitHub REST, MySQL, Elasticsearch, Logstash, Kibana, Nginx, Filebeat, LAMP, Kanban, Jenkins, Jira, Selenium Webdriver, Google (Analytics, API, Cloud), Flask, doctrine/dbal, PHP_CodeSniffer

Cryptocurrency: Smart Contracts, Solidity, Open Zeppelin, neo-python, Trading (Using APIs of Exchanges, Technical & Fundamental Analysis, Dex, ICOs and co.), Mining, DeFi (Wrapped Tokens)

Knowledge: Agile Development, Unit Testing, Kanban, Scrum.

Project Management Tools: Jira, Github, Merlin

Soft Skills

- Comfortable working in multidisciplinary and international teams.
- Great communication and leadership skills.
- Effective writing and detailed documentation.

Web3

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- Ethereum Cyprus Community - Tech Meetups since 2023
 - Co-Founder and Head of Development at CypherX, a boutique Web3 engineering agency
 - Interim CTO of a Blockchain company - Novem Gold
 - Developing smart contracts on different chains: Ethereum, Soloana, NEO
 - ETH Kuala Lumpur 2023
 - Quadratic Voting for educational institutions
 - ETHcon Hackathon Seoul 2023
 - Gamified Staking and Node management
 - ETH Prag Hackathon 2023
 - Gameified Tutorials

- ETH Belgrad Hackathon 2023
 - Gameified Tutorials
- Cosmos Blockchain Hackathon 2021 March
 - NFTs for staking rewards
- Blockchain Hackathon Stuttgart 2019 February
 - Found an amazing Team of Industry Professional and students and we developed a solution for Ticketless Travel on trains with the following devices and technological stack: Asrock Mini, Bluetooth, Hyperledger Fabric, node.js, Angular
- NEO Hackathon in Berlin 2018 October (3rd place with our team):
 - Put together a team and developed an MVP with the NEOs non fungible token technology, which registered car engines with a unique ID, so that they could not be exchanged for an identical engine. Ensuring that mileage can be verified in the long term when buying a used car.
- Helped to create a white paper with a researcher about an immutable ledger for the financial prediction market.
- Activities with the Blockchain community:
 - Organizing multiple Cryptocurrency Meetups since 2017 with thousands of members.
 - Started a Blockchain Devs NRW group, which has grown to 60 members. We discussed and created smart contract prototypes and guide newcomers how to start blockchain smart contract development.
- Developed a Crypto Recommendation Engine Prototype with a diverse Team of Data Scientists, UX Designers and Software Engineers for predicting the price movements based on social media data. The application collected historical trading data and correlated it with forum posts and twitter feeds of influencers.
- Attended Blockchain IoT and AI conferences and workshops in Dusseldorf, Berlin and Amsterdam between the years 2017 and 2019