

Selim ERÜNKUT

Software Engineer

se@cypherx.tech
<https://www.linkedin.com/in/selimerunkut>
<https://github.com/selimerunkut/>

Profile

10+ years of experience in Software Development.

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.

Ability to work independently with minimal guidance

Proven talent for both strategic planning and results-oriented execution

Working with geographically dispersed teams in English.

Able to manage multiple projects and priorities with deadlines.

Known for excellent leadership skills 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 and their significance in real life use cases.

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

Experience with AWS Cloud & Google Cloud technologies.

Work Experience

Freelancer
June 2011 - present

Interim CTO - Novem Gold AG
February 2021 - present

CTO - Novem Gold AG
June 2020 - present, Vaduz, Liechtenstein (Remote Work).

Software Engineer - Novem Gold AG
October 2019 - June 2020, Vaduz, Liechtenstein (Remote Work).

Assisting the CTO, Software Engineering

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

Languages/Frameworks

Python, Ruby on Rails, ES6, Webpack & Webpacker (Rails), Middleman (static website generator), Jekyll, Solidity

Technologies

Git, Gitlab, GitHub REST, Postgres, BDD (Rails, rspec), Neo Blockchain & Smart Contracts, Cloudflare, CDN, CORS, SPF, DKIM

AWS, Google Cloud

Deputy Head of IT - Jobvector

November 2013 - Present, 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
 - PHP 7 update
- 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.

- Evaluated open source CRM software.
- Planned and implemented use cases into CRM systems, implemented unit tests for custom business logic.
- Incorporated complex business logic into functions and stored procedures for reusability.
- Developed a REST based GUI with Wordpress for importing leads into Sugarcrm.
- Responsible for checking cross browser compatibility and hence worked on different browsers like Safari, Opera, Firefox, Google Chrome and Internet Explorer.

Software Developer - Nexxar GmbH

June 2011 - July 2012, Vienna, Austria.

- Planned and carried out black box testing for iPad applications by refactoring the HTML and CSS.
- Redesigned PHP and Shell/Bash scripts that adapted the HTML of online reports to suite the iPad application.
- Submitted the app to Apple's app store.
- Used GitHub as a version control.

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.

Blockchain/Cryptocurrency Projects

- CTO of a Blockchain company - Novem Gold AG
 - Developing Ethereum and NEO smart contracts.
 - 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 the white paper with a researcher for an immutable ledger for the financial prediction market.
 - Active in the Blockchain community:
 - Organizing multiple Cryptocurrency Meetups with thousands of members. Started a Blockchain Devs NRW group, which has grown to 60 members. We discuss and create crypto and 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.
-