



<https://si.linkedin.com/in/bostjan-cigan>



me@bostjan-cigan.com



<https://bostjan-cigan.com>



Boštjan Cigan

CURRENT STACK

- Frontend React (NextJS)
- Backend Node (NestJS), GraphQL (Hasura, Apollo), Solidity
- Infrastructure AWS, Terraform (basic), CI/CD

OTHER

- Management Estimations and planning (SCRUM), JIRA, technical project leading, vetting
- DevRel Conference organization, content preparation, content production (DaVinci Resolve), technical writing
- Teaching Preparing and leading programming courses

EXPERIENCE

Developer Evangelist
@ Semaphore

Current role

- | Establishing a CI/CD community around the Semaphore brand (conferences, meetups)
- | Researching new product possibilities (AI powered pipelines), tech demos (ChatGPT YAML generation)
- | Writing articles on new product features
- | Producing tech video content (getting started series & advanced DevOps concepts)

Senior Engineer
@ Povia

Apr 2021 - Mar 2023

- | Worked on MVPs and prototypes for startups and established companies with interdisciplinary teams
- | Solidity contract development for NFT project (large royalty payouts to 5000+ owners)
- | Technical Vetting and Estimations

Senior Engineer
@ Result

Apr 2017 - Apr 2021

- | Lead and mentored a team of 6 engineers
- | Planned microservice cloud architecture for a general app ecosystem using GraphQL (Apollo, Hasura), React and OpenShift
- | Established and managed partnerships with leading GraphQL solution providers (Code.Store, Hasura, FaunaDB, DGraph)

Frontend Engineer
@ Sportradar

Nov 2014 - May 2016

- | Developed sports betting widgets for HTML mobile applications
- | Pioneered usage of React 0.x
- | Optimized app to run native video on slow devices

CONSULTING

GraphQL
@ Qloo

Hasura, NextJS

- | Migrated authentication mechanism from legacy system to Hasura and NextJS
- | Implemented database migrations
- | Proposed NextJS component architecture and structure

GraphQL
@ Presearch

Hasura

- | Consulted on how to best migrate existing technical stack to GraphQL (Hasura)
- | Examined architecture transition bottlenecks

CONFERENCE TALKS

Hasura Con
@ Online

2020

- | Presented an **extendable unified architecture** for developing new applications into an existing private cloud
- | Used GraphQL Servers Apollo and Hasura and remote schemas to create an extendable solution

GraphQL Summit
@ San Francisco

2019

- | Presented a **unique caching mechanism** that was based on field instead of object caching that speeds up GraphQL query performance and decreases database loads

EDUCATION

PSM I Certificate

@ SCRUM.org

Feb 2020

- | Learned how to foster effective team collaboration through agile methods and deepened my knowledge of SCRUM
- | Used the acquired skills to lead a team of 6 engineers

Master of Science

@ Faculty of Computer and Information Science, University of Ljubljana

Oct 2014

- | Expanded on my BSc work, created a proposal for a server-client pluggable architecture that would allow web server management, which at the time did not exist
- | In-depth analysis of dynamic loading in the programming language Java
- | Thesis **Development of a remote server control system for Android** graded 9/9 (content/presentation)

Batchelor of Science

@ Faculty of Computer and Information Science, University of Ljubljana

Oct 2011

- | Developed a graphical interface for the FTP server vsftpd in PHP that generated configuration files for the server administrator
- | The interface allowed easy user management and password setup
- | In-depth analysis of existing solutions and created the UML schemas and architecture
- | Thesis **The construction of a graphical user interface for the FTP server vsftpd** graded 10/10 (content/presentation)

MENTORING

Lead Instructor

@ Smart Ninja

Sep 2015 - Present

- | Teaching 15+ courses in Web Development and SQL For Beginners (groups of 10+)
- | Updating and developing curriculums SQL1, SQL2
- | Involved with key stakeholders in future curriculum decisions

Professor

@ Erudio Center

Jan 2019 - Oct 2022

- | Developed and taught BSc level curriculum for Programming II that covered basic data structures and algorithms
- | Developed project based curriculum that includes modern web technologies (React and GraphQL)
- | Established teaching partnership with JetBrains Student Program

Mentor

@ Thinkful

Dec 2016 - Oct 2021

- | Successfully mentored 50+ students through Web Development fundamentals prep course
- | Gave feedback on course materials

Mentor

@ Rails Girls

May 2014

- | Mentored one day course of 40+ students in Ruby on Rails

CONTRACT WORK

WordPress Plugin

@ Prosen Consulting

PHP, Javascript

- | Created a custom WordPress plugin for selling diamonds and studs for jewelry house Bluestone Trading
- | Provided responsive widget module for taking photos of items that was compatible with latest browsers

WordPress Plugin

@ Prosen Consulting

PHP, Javascript

- | Created a custom internal solution for jewelry house Bluestone Trading for improved stock management
- | Used custom developed framework for faster implementation
- | Provided import mechanisms for their suppliers

WordPress Plugin

@ GXS

PHP, Javascript

- | Created a custom internal CRM solution for house of representatives management
- | Proposed and implemented a solution for mail voting and representative contact

HTML5 Game

@ Eksit

PHP, Javascript

- | Implemented interactive Facebook game on tight schedule (1 week)
- | Provided export mechanism for tracking game players