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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 Relations
@ 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