



# Sven Njegač

SOFTWARE ENGINEER · PLATFORM ENGINEERING

Badovinčeva 11, Zagreb 10000, Republic of Croatia

+385 91 540 7235 | sven.njegac@gmail.com | September 2nd, 1994 | svennjegac | sven-njegac

“Interested in distributed systems, databases and concurrent programming.”

## Experience

### Constructor.io

San Francisco, United States

LEAD PLATFORM ENGINEER & ENGINEERING MANAGER

Nov. 2023 - Present

- Custom authentication system, production release and maintenance
- Leading a team of 3 engineers, managing projects, conducting 1on1s
- Interviewing candidates for engineering roles

DEVOPS ENGINEER

Jun. 2023 - Oct. 2023

- New authentication system from scratch, programming + infrastructure
- Development, infrastructure provisioning, CI/CD, automated integration testing

### Superbet

Zagreb, Croatia

SITE RELIABILITY ENGINEER

Mar. 2022 - Jun. 2023

- Distributed tracing setup, both infrastructure and application layers
- Kafka connect deployment
- Load testing Kubernetes clusters on AWS with k6.io

LEAD SOFTWARE ENGINEER & ENGINEERING MANAGER

Jan. 2021 - Feb. 2022

- Leading development and maintenance of 13 production services on a betting platform that has 350 000 unique visitors a month, 30 000 bets per hour and 30 000 Kafka messages per second
- Replaced legacy bet acceptance solution. Improved scalability from 80req/s to 6400req/s
- Conducting 1on1 meetings with 4 team members, supporting their technical growth
- Interviewing new candidates, engineering roles

SOFTWARE ENGINEER

Jun. 2019 - Dec. 2021

- Development of an event-driven sports betting system
- Bet acceptance, Payment, Offer and Risk integration
- Responsible for online solution delivery

### Asseco South Eastern Europe

Zagreb, Croatia

SOFTWARE ENGINEER

Oct. 2018 - May. 2019

- Server side development of mobile banking applications
- Worked on the in house framework which allows server side control of mobile applications UI
- QR code payment integration

## Education

### Faculty of Electrical Engineering and Computing, University of Zagreb

Zagreb, Croatia

MASTER'S DEGREE, TELECOMMUNICATIONS AND INFORMATICS

Mar. 2013 - Aug. 2018

- Master thesis: Chess Game Engine Based on Reinforcement Learning
- Bachelor thesis: Design of the Information System for Dental Clinic
- Course: Introduction to Java Programming Language (M. Čupić)
- Course: Solving Optimization Problems Using Evolutionary Computation Algorithms in Java (M. Čupić)

## Skills

Languages	Go, Java, C, Bash, Terraform, Cloudformation
Infrastructure	AWS, Kubernetes, Kafka, CockroachDB, Redis, Prometheus, Grafana
Other	Authentication systems, OAuth 2.0, SAML, gRPC, Distributed tracing

## Awards

### Croatian National Championship in Physics

Vukovar, Croatia