

Reinis Šestakovskis

SOFTWARE ENGINEER · FULL-STACK WEB DEVELOPER

Uppsala, Sweden

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Summary

I am a software engineer / full-stack Web developer from Latvia. I dabble in subjects such as machine learning, data science, image and audio analysis, computer graphics, combinatorial optimisation, cybersecurity and human-centered design. My dream is to help build a better world for tomorrow. Always open to new challenges and new things to learn.

Work Experience

ZZ Dats, LLC

Riga, Latvia

SOFTWARE ENGINEER

DEC 2017 – AUG 2021

- **Full-stack Web development work on various public sector (government and municipality) projects**
- **Maintenance and new feature development** for existing IT systems
- **Development of entirely new IT systems and Web applications** using Agile Scrum methodology
- **Back-end:** Development of .NET C# REST APIs for Web back-ends and data processing services for communication with internal and external REST and SOAP APIs
- **Front-end:** Web UI development using HTML5, CSS, JavaScript, jQuery, Vue.js, AngularJS, Angular, TypeScript
- **Databases:** PostgreSQL, Oracle PL/SQL, Redis
- **DevOps work,** build and deployment pipeline setup using Jenkins and Drone CI, orchestration of Docker containers using Docker Swarm
- **Architecture design** and documentation, **Software Engineering pattern improvement** for both monolithic and microservice projects
- **Mentoring** of more junior colleagues and participation in more general knowledge sharing within the team and the company as a whole
- **Other tools/skills:** Git, RabbitMQ, Selenium, Unit testing, Linux, Windows

Education

Uppsala University

Uppsala, Sweden

MASTER OF SCIENCE IN COMPUTER SCIENCE

AUG 2021 – JUN 2023

- **Main topics:** Machine Learning, data engineering, image analysis, computer graphics, cybersecurity, Human-Computer Interaction, concurrent and parallel programming, combinatorial optimisation, functional programming

University of Latvia

Riga, Latvia

BACHELOR OF NATURAL SCIENCES IN COMPUTER SCIENCE

SEPT 2016 – JUN 2020

- **Main topics:** Computer science, software engineering, continuous and discrete mathematics
- **Thesis:** Music Audio Reconstruction Using Machine Learning

University of Latvia

Riga, Latvia

FIRST LEVEL PROFESSIONAL EDUCATION DIPLOMA AND "PROGRAMMER" QUALIFICATION

SEPT 2016 – JUN 2018

- **Main topics:** computer system architecture, computer networks, software engineering, Web technologies, databases, Maths.

Riga State Gymnasium No. 1

Riga, Latvia

SECONDARY EDUCATION DIPLOMA

SEPT 2013 – JUN 2016

- Maths, English and Physics study programme

Skills and Technologies Used

BACK-END

- C# (.NET Framework, .NET Core)
- Python
- Node.js
- Java
- C/C++
- PostgreSQL
- Oracle PL/SQL
- Redis

FRONT-END

- HTML5
- CSS3
- JavaScript
- Vue.js
- jQuery
- AngularJS
- Angular
- TypeScript

OTHER TECHNOLOGIES & TOOLS

- Git
- Docker
- RabbitMQ
- Jenkins
- Selenium
- Apache Hadoop
- Apache Spark
- Apache Pulsar
- MiniZinc

OTHER SKILLS

- Agile (Scrum)
- Unit testing
- Machine Learning
- DevOps

Other

Languages and proficiency self-assessment

- **Latvian** - native
- **English** - very good
- **Russian** - average
- **Swedish** - basic

Driver's license: B category

Hobbies

- Music and being a musician - I play the French horn and have finished a music school
- Reading
- Computer games