

Sanel Selmanovic

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SKILLS

Ruby	Rails	React	Redux	jQuery	JavaScript	HTML5	CSS
Java	JSP	Servlet	SQL	Selenium	TDD	Bootstrap	SEO

PROJECTS

Travelgram (Ruby on Rails, PostgreSQL, JavaScript, React, Redux, HTML, CSS) || [Live](#) & [Github](#)

Full-stack web application inspired by Instagram

- Protects user data by implementing front-end and back-end authentication system using BCrypt gem
- Stores data using paperclip and AWS S3 for scalability
- Implements Rails polymorphic associations and uses ActiveRecord capabilities to reduce database AJAX requests to database and improve performance

Tetris (JavaScript, HTML5, CSS) || [Live](#) & [Github](#)

Tile-matching web browser video game, built on object-oriented programming principles using ES6

- Utilizes HTML5 Canvas to draw graphics, on the fly, via JavaScript
- Uses a matrix to rotate vectors representing cell positions to get a new cell location in the rotated block

DOMster (JavaScript, HTML, CSS) || [Live](#) & [Github](#)

DOM manipulation library inspired by jQuery, all based on vanilla DOM

- Integrates DOM manipulation, traversal, event handling, and AJAX into a single, easy-to-use library
- Employs a multi-purpose universal wrapper function for optimal flexibility
- Adopts a node data structure to mirror the DOM tree

EXPERIENCE

IT Consultant || Synechron, New York, NY

June 2016 – January 2017

- Trained on Murex software, which provides integrated trading, risk management and processing solutions for banks, asset managers, hedge funds, and corporations
- Provided functional and technical application support utilizing SQL, XML, XSLT and UNIX

Software Developer || Levi9 IT Services, Novi Sad, Serbia

August 2014 – November 2015

- Worked in the Novi Sad office of Dutch IT services company Levi9; performed relevant coding, code commenting, bug fixing, code testing and unit-testing in Agile environment
- Coded in Java in order to automate test cases with Selenium WebDriver and the ISON framework
- Created and executed automated software test plans, cases, and scripts; debugged and refactored regression tests on multiple platforms and browsers for continuous integration

CEO & Web Developer || Masters Soft, Tutin, Serbia

April 2011 – July 2014

- Designed, developed, deployed and maintained websites; implemented SEO best practices
- Coded custom responsive websites from PSD templates using HTML, CSS, JavaScript and Bootstrap

Computer Science Professor || Technical High School, Tutin, Serbia

January 2012 – June 2013

- Taught basic Java programming, software and web development

EDUCATION

Full Stack Web Development || App Academy, New York, NY

Spring 2017

- 1000+ hours, immersive coding bootcamp with a competitive < 3% admission rate

M. Sc. in Computer Science || University of Novi Sad, Novi Sad, Serbia

March 2016

B. Sc. in Electrical & Computer Engineering (Honors) || University of Novi Sad, Novi Sad, Serbia

March 2011

CERTIFICATIONS

Oracle Certified Associate (OCA), Java SE 7 Programmer, Oracle, New York, NY

September 2016