

Danica Stojanovic

Full-Stack Software Engineer

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Technical Skills

Front End | JavaScript (ES5 and ES6), React, HTML5, CSS3, jQuery

Back End | Node.js, Express, PostgreSQL, MongoDB, Mongoose, MySQL, RESTful API Development, Socket.IO

Developer Tools | Git, npm, Webpack, Babel, Agile Methodology, TDD

Software Engineering Applications

Werewolf | React, Node.js, Socket.IO, Express, HTML, CSS

[GitHub](#)

Architected a web-app multiplayer game based on a party game

- Utilized object-oriented programming to create scalable game and player instances
- Implemented server-side game logic with bi-directional client-server Websocket communication
- Achieved seamless gameplay by dynamically rendering custom, role-based modules

Catwalk | Node.js, Express, PostgreSQL, AWS EC2, NGINX, Loader.io

[GitHub](#)

Replaced the legacy API of an e-commerce application with a horizontally scalable back end system

- Automated the extraction and seeding of the database by designing an ETL function calling a series of queries
- Integrated an NGINX load balancer to optimize resource utilization over multiple AWS EC2 server instances
- Tracked throughput, error rate, and response time with Loader.io to drive further engineering choices

Dijkstra | React, Node.js, Express, HTML, CSS

[GitHub](#)

Redesigned the related items and outfit carousel widget of a retail e-commerce application

- Created an intuitive user interface with dynamic horizontal scroll functionality of a list of product cards
- Increased reusability by modularizing a shared component of the star rating
- Improved user experience by implementing responsive design with media queries and custom styling

Professional Experience

Hack Reactor | Software Engineering Immersive Resident

2021

- Mentored 80+ students in JavaScript fundamentals and full-stack technologies to a high level of mastery
- Helped students troubleshoot environmental and technological issues, and work through complex ideas

The Sugar Factory | Restaurant General Manager

2020

- Coached and oversaw a team of 25 people to exceed company goals in quality and excellence, increasing customer satisfaction while decreasing turnover rate
- Kept labor to gross sales ratio below 20% by comparing historical sales and menu reports to reservation records and strategically staffing

Etihad Airways | Senior Flight Attendant

2013-2018

- Promoted to senior crew within 8 months and selected and trained for newly arrived A-380 aircraft
- Commended by management, senior crew, and guests for work ethic, perfect attendance, positive demeanor, and dedication to providing everyone on board with a safe and pleasant experience

Education

Hack Reactor | Advanced Software Engineering Immersive Program

2021

University of the People | Computer Science | courses: Programming Fundamentals (Python), Statistics (R)

2018

Lincoln University | Bachelor of Business Administration

2012

Personal

I'm multilingual and have traveled to forty countries and lived in four, so far.