

Austin, Texas  
US Permanent Resident

# AGATA DROZDOWSKA

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<https://github.com/agatadrozdowska>

Software developer with great attention to details and passion for learning.

## SKILLS

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- Front End: JavaScript (ES5, ES6), HTML5, CSS3, React.js, jQuery, Bootstrap
- Back End: Node.js, Express.js, MySQL, MongoDB, REST Webservices
- Testing / Deployment: Jasmine, Mocha, Chai, EC2, RDS, Elastic BeanStalk, Docker
- Tools: Git, npm, Webpack, Babel

## EXPERIENCE

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### Hogwartsy - React.js, Node.js, Express.js, MySQL

Harry Potter themed retail website

- Negotiated requirements with product owner and stakeholders
- Collaborated with 4 other engineers using SCRUM methodology to deliver application on time
- Designed and build 2 major components across entire stack
- Organized 7 major back-end components into micro-services placed behind a proxy server
- Designed relational data model for Related Products component and loaded data
- Researched and executed deployment using AWS Elastic BeanStalk and AWS RDS

### SDC - React.js, Node.js, Express.js, PostgreSQL, MySQL, MongoDB

Retail website

- Refactored legacy back-end codebase to use MongoDB and PostgreSQL instead of MySQL
- Implemented a migration script to move over 10 million records from old data store to the new one
- Performed load testing using npm artillery which showed 40% improvement in latency

### Quality of life comparator - React.js, Node.js, Express.js, Teleport API

Quality of living comparison between cities

- Designed and implemented integration layer over 4 endpoints from Teleport API
- Built and exposed REST API using Node.js and Express.js
- Developed responsive user interface using React.js that allowed to compare quality of life indicators between 2 cities

## EDUCATION

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### Coursera

Specialization in Full-Stack Web Development with React

January 2022 - Present

### Udemy

JavaScript Algorithms and Data Structures masterclass

April 2020 – May 2020

### Hack Reactor

Software Engineering Immersive

Austin, Texas

December 2019 – March 2020

### Udacity

Nanodegree in Front-End Web Development

January 2019 – April 2019

### Silesian University

Master of Science (M.S.) in Chemistry

Katowice, Poland

October 2013 – June 2015

GPA: 3.89

- Relevant coursework: Chemoinformatics

- Awarded scholarship for recognition of academic performance

### Silesian University

Bachelor of Science (B.S.) in Chemistry

Katowice, Poland

October 2010 – June 2013

GPA: 3.55

- Relevant coursework: Calculus, Applied Mathematics, Information Technology