Austin, Texas
US Permanent Resident

A G A T A   D R O Z D O W S K A

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

SKILLS

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

EXPERIENCE

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

Silesian University	**Katowice, Poland**	2013 – 2015
Master of Science (M.S.) in Drug Chemistry		GPA: 3.89

- Relevant coursework: Chemoinformatics
- Awarded scholarship for recognition of academic performance

Silesian University	**Katowice, Poland**	2010 - 2013
Bachelor of Science (B.S.) in Drug Chemistry		GPA: 3.55

- Relevant coursework: Calculus, Applied Mathematics, Information Technology

CERTIFICATES AND COURSES

Hack Reactor
Software Engineering Immersive

Courses
- Udemy - Complete C# Masterclass
- Udemy - JavaScript Algorithms and Data Structures masterclass
- Udacity - Nanodegree in Front-End Web Development