Patryk Barnas

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EDUCATION

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| **Governors State University** |BSc in Computer Science | GPA: 3.63  January 2018 – May 2022 | University Parkway, Illinois  **Moraine Valley Community College** |Associates of Science  May 2016 – December 2018 |

TECHNICAL SKILLS

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| * React * JavaScript * Redux * HTML5 * CSS3/SASS | * Node.js * Express.js * REST API * WordPress | * MongoDB, MySQL * Bootstrap * Git * Visual Studio |

PROJECTS

**Clothing Inc –** React.js, Context API State Management, CSS modules, Node.js

* Developed an online clothing store using React. Cart state is dynamic with adding and removing more items to your order. Which gets updated.

**Firetek –** HTML, CSS, React, React Router:  *https://pattybarnas.github.io/firetek-react/*

* Built a SPA for Firetek heating and cooling inc. Displaying features and services provided by the company. Integrated Email.js API for users to submit messages that will be directly sent to company’s mail.

**Banking Application –** HTML, CSS, JavaScript, DOM**:**  *https://pattybarnas.github.io/*

* Designed a front-end application with modern day banking features. Money transfers, Loan requests, account cancellation all updated in real time. (user: pb | password: 1111)

**Blogger –** Node.js, Express, MongoDB, EJS templating: [*https://lit-scrubland-76308.herokuapp.com/*](https://lit-scrubland-76308.herokuapp.com/)

* Implemented a full-stack application where users can read and create blog posts which then are presented on the main page UI.

**Library Management System –** HTML, CSS, Python, Flask, SQLite3

* Developed a full-stack application that allowed a library to manage and edit their inventory data. Incorporated features such as a search engine, book check-in/out, inventory updating, and generating daily reports on the library’s books and money due.

**OAuth Secrets –** HTML, CSS, Node.js, MongoDB

* Built a full-stack application integrated with OAuth and Passport.js. Users can log into the application using their Facebook and Google accounts. Newly created accounts are provided with security. Passwords are encrypted, hashed, and salted before stored in the database. Once authenticated users can submit “Secrets”.

EXPERIENCE

3 Months **Full-Stack Engineer Internship - Remote,** TCXR – San Diego, CA

* Collaborated with a team of developers using WordPress, React, Nodejs, Azure cloud services.
* Developed website according to Figma design.
* Debugging issues.
* Created documentation and flow charts.
* Boosted website performance by 15% by refactoring code and optimizing images.
* Weekly stand-up meetings discussing work completed, planning following week’s work, and testing the product.
* Acknowledged for great communication between the team.