

Matthew Magnotta

Software Developer

CONTACT

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Portland, Oregon

SKILLS

Languages

- JavaScript
- Python
- HTML & CSS

Frameworks

- React
- Django
- Vue

Databases

- MongoDB
- SQLite

Tools

- Node.js
- Photoshop
- Illustrator
- Material-UI

EDUCATION

PDX Code Guild

MERN Web Development

2020 - 2020

14-week program covering dynamic web development using the MERN stack; Mongo, Express, React, and Node

PDX Code Guild

Full Stack Web Development

2019 - 2020

16-week program covering 420+ hours of developing software using Python, JavaScript, Vue.js, Django, SQLite, HTML & CSS

PROJECTS

NeoCard

A MERN (MongoDb, Express, React, Node) web application, that acts as a centralized hub, containing information about you and your business.

- Acted as SCRUM master in a team of three, ensuring overall incorporation from the back-end to the front-end went smoothly.
- Implemented a server by integrating Express to create a REST- API.
- Accomplished secure user authentication with JSON Web Token & Bcrypt to hash and store passwords in a MongoDB database.
- Led the team in designing in reusable components for dynamic user interface with React and Material-UI to maintain custom theming across the site.

Pantry

A React and Django web application, that keeps a allows you to inventory the ingredients you have in your kitchen. Then it allows you to search for detailed recipes you can make with the ingredients on hand.

- Used React hooks & context API to neatly manage data across many components.
- Designed a RESTful back-end server using Python to integrate a third-party API to store recipe data and send data from the backend to the frontend.
- Configured Axios and React Router to maintain separation from the client-side logic to the server-side logic.

Portfolio

A fully responsive React single page web application, focused on displaying my design skillset. Curated by following modern web development trends (scroll-based animations, SVG's, gradients, and CSS trends).

- Designed custom SVG's using Adobe Illustrator and animated them with CSS.
- Made use of the React & NPM ecosystem to bring components to life using third-party libraries such as React-spring (a physics-based animation library).
- Creatively handled E-mails directly from JavaScript without a server by using an

EMPLOYMENT HISTORY

PDX Code Guild – Teaching Assistant

March 2021– Present

- Maintaining expertise in JavaScript/React to provide students with current best practices and recommend improvements in curriculum design. (i.e., React hooks)
- Implemented tests for students' labs using Jasmine.

United States Army – Cavalry Scout

Feb 2014 – June 2018

- Revised the system of tracking assigned sensitive equipment, which led to a 20% time decrease in mission readiness.
- Coordinated work assignments, evaluated performance and led a five-member team.