

Matthew J. Clark

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[Languages](#) | [Databases](#) | [Web Technologies](#) | [Frameworks](#) | [Amazon Web Services \(AWS\)](#)

- Java
- JavaScript
- C/C++
- Python
- MySQL
- PostgreSQL
- DynamoDB
- React
- Redux
- HTML/CSS
- Lambda
- S3
- Spring
- Node.js
- Postman

Professional Experience

State Farm, Software Engineer

June 2021 – Current

Modernizing State Farm's insurance policy view using JavaScript, React, and Redux. This web application will provide customers easy access to view existing insurance policies and provide additional features to improve the overall customer experience. The customer policy data being displayed is injected using Axios from a Spring Boot API.

WattTime, Software Engineer

September 2019 – June 2020

An open-source project for global emissions reduction. Python was used to build web scrapers that scrape power plant load balancing data which was then formatted using Pandas. Then used JavaScript, React, and Redux to display this data in a web application as multiple graphs with a sidebar featuring balance authority sorting and date range features.

Software Projects

Spring Boot API

July 2021

Connected a PostgreSQL database to a Spring Boot API that displays student data in a web browser. Students can be added, removed, and checked for availability using Postman JSON HTTP requests. Implemented error catch cases when a student is being input and already in the database and when removing a student that is not in the database.

JavaScript & React Task Tracker

July 2021

Developed a Web Application using JavaScript and React allowing the user to add/remove tasks, and set reminders. These components store the user input as a state via interactive functions such as text bars, buttons, and forms. The states are passed as properties to create a visual friendly and easy to use user interface.

Hackathon

Loocator, UWB Hacks the Cloud

April 2020

Developed a Web Application using JavaScript, React, and Google Maps API. Displays nearby bathrooms using the user's location. Each bathroom on the map contains valuable information and can be updated by the community.

Education

Bellevue College

September 2015 – June 2017

Associate in Arts & Sciences

September 2017 – June 2020

Bachelor of Science in Computer Science