

# Andrew Dimes

Software Engineer | Active Secret Security Clearance

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## **TECHNICAL SKILLS**

HTML, CSS, JavaScript, React, Node.js, Express, MongoDB, Mongoose, Python, C#, .NET, Django, SQL, Bootstrap, Semantic, Materialize, Java, Azure DevOps, Git, and GitHub.

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## **PERSONAL PROJECTS**

**TipTree** – [GitHub](#) | [Demo](#)

A fully responsive, mobile friendly web application that helps tip-based workers keep track of their income.

- Used CanvasJS to visualize user data from their income and show their most profitable days.
- Implemented JWT for authentication.
- Built with MongoDB, Express.js, ReactJS, Node.js, SASS, CanvasJS and deployed to Heroku.

**OverStats** – [GitHub](#) | [Demo](#)

An application that helps Overwatch players view their in-game statistics.

- Utilized a third-party API and developed a backend that made API calls to the Overwatch API, sorted the data, and stored it in a MongoDB database.
- Generated graphs and charts for data visualization using CanvasJS and React to display player win rates, kill/death ratios, and other player data.
- Built with MongoDB, Express.js, ReactJS, Node.js, and deployed to Heroku.

**Fanime** – [GitHub](#) | [Demo](#)

A web application that lets users browse a database of over 10,000 anime titles.

- Developed the backend that made API calls to the Kitsu API and stored the data in a PostgreSQL database.
- To be able to favorite anime and add it to a user's profile page, I developed a custom algorithm that stores the anime details only once an anime has been viewed. This way, our database grows the more the site is explored and is not slowed down by unnecessary data.
- Built with Django, Python, PostgreSQL, Materialize, and deployed to Heroku.

**My Maintenance** – [GitHub](#) | [Demo](#)

A web application for residents to submit work order requests for maintenance.

- Implemented authentication using sessions for both residents and the maintenance team.
  - Capable of image uploads using AWS S3.
  - Designed the backend to work with the PostgreSQL database as well as the front end for a smooth user experience.
  - Built with Django, Python, PostgreSQL, Materialize, and deployed to Heroku.
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## **WORK EXPERIENCE**

**Software Developer** - *Vectrus - Remote - June 28th, 2021 - Current*

- Use best coding practices and object-oriented programming techniques to work on several different software development projects within the company.
- Collaborate daily with a large team using Agile/SCRUM methodologies to ensure deadlines are met.
- Skills: C#, .NET, MySQL, Java, MSSQL, and Azure DevOps

**Web Developer** - *Reuben Borg Fence - Walnut Creek, CA - March 25th, 2022 – November 11th, 2022*

- I enhanced the company's online presence by creating a new fully responsive custom website that improved their user experience and increased sales by 20%
- Skills: HTML, CSS, and JavaScript

**Bartender/Bar Manager** - *The Local Bar & Grill - Orlando, FL - June 20th, 2019 - July 4th, 2021*

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## **EDUCATION**

**Valencia College** – *Associate in Science (A.S.) – Computer Programming & Analysis*

**General Assembly** – *Certificate - Software Engineering Immersive*