

# Andrew Dimes

Software Engineer | Active Secret Security Clearance  
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## **TECHNICAL SKILLS**

HTML, CSS, JavaScript, React, Node.js, Express.js, MongoDB, Mongoose, Python, C#, .NET, Django, PostgreSQL, MySQL, MSSQL, Java, Azure DevOps, Git, and GitHub.

## **PERSONAL PROJECTS**

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

A mobile-responsive web application that assists tip-based workers in tracking and managing their income, with a focus on user experience and financial responsibility.

- Utilized the MERN stack (MongoDB, Express.js, ReactJS, and Node.js) and styled with SASS to build the application
- Implemented CanvasJS for data visualization
- Integrated JSON Web Token (JWT) authentication into the application
- Differentiated from other free tip tracking applications by allowing users to track income across multiple jobs
- Deployed the application on the Heroku platform

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

A web application that enables users to browse a comprehensive database of over 10,000 anime titles, create profiles, and showcase their favorite anime selections.

- Worked on a remote team of three developers using GitHub for version control
- Developed the backend for the application, including API calls to the Kitsu API and storage of data in a PostgreSQL database
- Created an algorithm that allows users to favorite anime, which are then added to their profile page and added to the database, resulting in a dynamic and expanding database
- Implemented a responsive design and authentication features using Django, Python, and Materialize
- Deployed the application on the Heroku platform

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

A web application that assists apartment complexes in tracking and managing repairs requested by residents.

- Enabled residents to sign up, create profiles, and submit work orders with the option to upload pictures for added clarity using AWS S3 for image storage
- Created a system for maintenance team members to accept and complete work orders, providing updates to residents through commenting functionality
- Utilized Django, Python, PostgreSQL, and Materialize to build the application
- Deployed the application on the Heroku platform

## **WORK EXPERIENCE**

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

- Develop and maintain an early warning and detection system using C# and .NET, working in both front-end and back-end development
- Maintain and update existing software applications, including bug fixing and implementing new features
- Work with MySQL and MSSQL databases on a daily basis to develop and maintain our software
- Utilize Azure Devops for project management and version control using Git
- Collaborate with remote teams and participate in daily stand-up meetings using Microsoft Teams

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

- Designed and developed custom website, utilizing technologies such as HTML, CSS, and JavaScript
- Collaborated with owners to define project requirements and deliverables, and provided ongoing support and maintenance
- Developed responsive designs that are optimized for mobile, tablet, and desktop devices

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

## **EDUCATION**

**Associate in Science, Computer Programming & Analysis**, Valencia College  
**Certificate, Software Engineering Immersive (420 hours)**, General Assembly