

# JIMMY TRAN

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[Github](#) , [Linked- In](#), [Portfolio](#)

## SKILLS

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- **TECHNOLOGIES** Node Js, React.js, Flask, Django, React Native, Android, SQL, NoSQL, Git, RESTful API, Google Firebase, Maven, Jest, Integration Testing, Unit Testing, Ubuntu/Linux, AWS Elastic Beanstalk, Heroku, HTML5/CSS3, Bootstrap, ASP.NET
- **PROGRAMMING LANGUAGES:** Java , Python , C#, Javascript/Typescript, C/C++
- **SOFT SKILLS:** Quick learner, Detail oriented, Resilient, Problem-solving, Customer-driven, Deadline oriented
- **LANGUAGES:** English, Vietnamese

## EXPERIENCE

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**Software/Device Engineer Intern** | Alarm.com – Boston, MA

November 2021- Current

- Working with the manufacturing team to build a desktop app called TPv2 used for running units tests on different circuit board modules to verify firmware functionality in order to finalize and ship out to consumers using C#, .NET, and MSSQL.
- Participating in daily agile scrum meetings with the manufacturing team.
- Using Jira for project management, and Git as a version control tool.

**Software Developer Intern** | XPO Logistics – Boston, MA

May 2021- August 2021

- Developed and implemented a new functionality for parsing and uploading excel files containing warehouse data to automate and improve monthly uploads by 98%.
- Took part in daily scrum meetings with the LTL team, contributed to the delivery of stories, and practiced agile methodologies using Jira.
- Deployed and upgraded versions of pre-existing internal libraries to production using TeamCity.
- Exposure to Angular/ Typescript, C#, ASP.NET, NuGet, MSSQL, Elastic Search, TeamCity, and Jira.

**Software Engineer Intern** | WellThee – Remote

September 2020 – April 2021

- Refactored and implemented RESTful API endpoints for the company's mobile and web application.
- Collaborated with the iOS and React team on a weekly-basis to discuss tasks and plan out sprints for the app.
- Worked on backend development tasks such as refactoring code, writing unit tests, logic, and debugging.
- Exposure to React, Node.js, Express, Swift, Jest, PostgreSQL.

**Full Stack Web Developer (Contract)** | Environmental League of Massachusetts– Boston, MA

May 2020 – August 2020

- Built and deployed a voter's guide website ([link](#)) for the 2020 congressional election for voters to look up their district's legislators.
- Used various external APIs to meet the requirements of the website, optimized code and web content to improve search engine rankings.
- Weekly meetings with the program manager, website consultant, and executive director to discuss updates and proceedings on the website.
- Technology stack: HTML5, CSS3, Bootstrap, Django, and MySQL.

## PROJECTS

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**FinNetic** — Personal finance | Full Stack [website](#) [source code](#)

- A personal finance app that will keep track of open accounts and show chart visualization related to balances and payments.
- Built a decoupled server ([repo](#)) to run a background job on a daily basis at 8:30AM to send out payment reminders to users the day when payment is due.
- Technologies: React.js, Node.js/Express, Chart.js, JWT, MongoDB, Node-Cron, Netlify, Heroku

**Designer Confirmation API** — SMS appointment confirmation API [website](#) [source code](#)

- A RESTful API that is used for automating the appointment confirmation process for a nail salon, and improving the initial process by 89%
- This server exposes an endpoint that will interact with Twilio to send out appointment confirmation SMS to intended customers
- Technologies: Flask, Python, Twilio, JSON web tokens

**COVID-19 Tracker** — Pandemic status tracker tool | Full Stack [website](#) [source code](#)

- Integrated a web scraper functionality into a web application, which extracts COVID-19 data from worldometer.com.
- Sends out email of total cases, new cases, total deaths, and new death in all 50 states in the United States to consumers.
- Technologies: HTML5, CSS3, Vanilla Javascript, Python, Flask, BeautifulSoup, SMTP, AWS Elastic Beanstalk.

**Tweetir** — Twitter Clone | Full Stack [website](#) [source code](#)

- A social media full stack application which includes features such as register/login, posting tweets, and interacting with user's tweets
- Implemented a RESTful API using Express as a backend framework, and using JSON Web Tokens for stateless authentication.
- Technologies: React.js, Node.js/Express, MongoDB, Firebase Cloud Storage, Netlify, Heroku

## EDUCATION

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**University of Massachusetts Boston** Boston, MA | 2020-2022 (Bachelor of Science in Computer Science , expected in May of 2022)

- **Relevant Courses:** C programming, Advanced Data Structures & Algorithms, Intro to Software Engineering, Database Management, Applied Machine Learning, Computer Architecture, Theory of Computation, Operating Systems