

Adrian Tran

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Technical Skills

Programming Languages: Golang, JavaScript, Python, TypeScript, HTML/CSS, Terraform, Bash, Rego

Frameworks and Databases: VueJS, NodeJS, Bootstrap, MySQL, PostgreSQL

Tools: Git, AWS (EC2, ECS, Redis, DynamoDB, API Gateway, Lambda), Docker, Jenkins, OpenAPI, Datadog, gRPC

Work Experience

Toast

Boston, MA

SOFTWARE ENGINEER 2, BACK END / INFRASTRUCTURE

Sept 2022 - Feb 2024

- Led development for Toast's new **CICD pipeline** by creating an in-house solution using **Go and Terraform**
- Developed a grassroots **task runner** and accompanying API's to be used by **500+** Toast developers in all Lines of Business
- Utilized **gRPC, ECS, Redis, Cloudwatch, and Splunk** to effectively host our task runner server and output verbose logs
- Orchestrated development of a **git webhook service** with **API Gateway** and **Lambda** that received **5000+ requests/hr**
- Developed multiple **Go plugins** that interfaced with internal tools, increasing the flexibility of Toast's CICD substantially
- Successfully **reduced operational and administrative load by 25%+** for developers in the InfraEng organization for tasks like **manual PR checks and automated deployments** using **Go plugins** and **Rego**

Capital One

Richmond, VA

SENIOR ASSOCIATE SOFTWARE ENGINEER, BACK END

Aug 2021 - June 2022

- Received a **promotion** at the **1 year mark** of the new grad program, achieved only by the **top 10%** of the cohort
- Developed in multiple **JavaScript API's** that allowed Capital One's **3000+ agents** to **create, update, and delete cases**
- Utilized and interfaced with **NodeJs and DynamoDB** to store all relevant case details, handling **15,000+ requests daily**
- Employed **distributed systems concepts** like failovers, horizontal scaling, and sharding to increase availability by **3%+**
- Leveraged Datadog to create **dashboards, Service Level Objectives (SLO's), and Service Level Initiatives (SLI's)** for Capital One's **Case Management System**, increasing observability and decreasing on-call load substantially

Capital One

Richmond, VA

ASSOCIATE SOFTWARE ENGINEER, FRONT END

Aug 2020 - Aug 2021

- Led development for UI projects (**Vue.js**) in **Empath**, Capital One's internal call center software, for **3,000+ agents**.
- Collaborated with cross-functional teams, ensuring the seamless integration of our projects with the Empath ecosystem
- Migrated **10,000+ agent documents** to a more user friendly UI capable of **searching and sorting** using **ElasticSearch**
- Received kudos from leadership up to the **Senior Director level** for my work on the **Vertical Notes project**, which successfully reduced average daily call time for agents by **20%+**, resulting in **\$1MM+ savings** for the company annually

2Axion

Cerritos, CA

SOFTWARE ENGINEER INTERN, GAME DEV

June 2018 - Sept 2018

- Collaborated with the in-house teams to deploy **Unity projects (C#)** on platforms reaching **10,000+ users**
- Led the development and deployment of a 3D mobile racing game using **Unity (C#)** to the Google Play Store

Milton Security Group

Fullerton, CA

SOFTWARE ENGINEER INTERN, FULL STACK

June 2014 - Aug 2014

- Implemented an iOS app to search for local **WiFi** and **Bluetooth** servers for the company product using **Swift**

Projects

YelPoll



HTML/CSS, BOOTSTRAP, VUE.JS, FIREBASE

- Built a **web app** that makes calls to Yelp's public API to minimize time spent deciding what to eat in social gatherings
- Engineered a **real-time polling system** with the search results to narrow choices by leveraging **Vue.js and Firebase**

Education

University of California, Riverside

Riverside, California

B.S. IN COMPUTER ENGINEERING

2020