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, Kinesis, API Gateway, Lambda), Docker, Jenkins, OpenAPI, Datadog, Postman

Work Experience

Toast
Boston, MA
SOFTWARE ENGINEER 2, BACK END / INFRASTRUCTURE   *Sept 2022 - Feb 2024*

- Led development for Toast's new **CICD pipeline** by an 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 **600+ requests/min**
- 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
- Maintained 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**
- 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**
- Deployed **front** and **back-end** modifications on the **company website** using **PHP, HTML, and CSS**

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*