

# Farzin Adil

SF Bay Area | [linkedin.com/farzinadil](https://www.linkedin.com/in/farzinadil) | <http://farzinadil.com/> | 510-896-0695 | [farzinadil@gmail.com](mailto:farzinadil@gmail.com) | [Github](#)

## EDUCATION

### San Jose State University

*Bachelor of Science in Software Engineering*

San Jose, CA

*August 2018 - December 2022*

- Relevant coursework Data Structures and Algorithms, Object-Oriented Design, Computer Networks, Operating Systems, Enterprise Software, and SQL/Database management systems

## WORK EXPERIENCE

### Lockheed Martin

*Software Engineer*

Moorestown, NJ

*April 2023 - Present*

- Developed and implemented Java based server software for safety critical power infrastructure, achieving over \$40,000 in savings compared to hardware solutions
- Developed and implemented monitoring functionality for the Long Range Discrimination Radar (LRDR) system, overseeing the health and status of 1000+ hardware components; integrated power toggle features facilitating efficient maintenance activities
- Enhanced radar system capabilities with real-time weather updates by designing and integrating a Java-based data download functionality
- Developed a plugin for a simulator that allows engineers to mock various system components to test 2 software applications and ensure bug-free implementations of features using Java

### CDK Global

*QA Engineering Intern*

San Jose, CA

*June 2022 - August 2022*

- Automated pipeline to build and deploy to development and production using GitHub Actions, resulting in an 11.5-minute reduction in developer deployment time
- Designed and implemented a REST API for Taxes and Fees functionality using Node, TypeScript, and PostgreSQL
- Developed a React component enabling users to compare and manage taxes and fee data
- Orchestrated an Airflow job with a Python DAG to automate bulk updates of tax and fees data
- Implemented an automated workflow for Coverity vulnerability analysis using GitHub Actions

### Linqto

*Systems & Web Development Intern*

Remote

*August 2021 - May 2022*

- Implemented Google Analytics to monitor user behavior on the conference website
- Designed and added new web page elements to enhance the conference website's user experience using HTML
- Created a live Zoom webinar raffle feature by integrating the Zoom API, increasing attendee engagement and interactivity during conferences

## PROJECTS

### Flyingcarz.io

[Website](#)

*January 2021 - January 2022*

- Built a tool for tracking and visualizing trends in average market prices of specific automobiles
- Developed API and designed database schema using MongoDB, Express, and Node.js
- Used python and Selenium for scraping data on automobile listings
- Deployed serverless REST API with AWS Lambda and API Gateway

### Dogefather

[GitHub Repository](#)

*February 2021 - May 2021*

- Developed a Twitter bot to send an SMS when crypto/finance influencers tweet about a stock or cryptocurrency with Python using Twitter and Twilio API
- Detects symbols related to cryptocurrencies in tweets containing images with Google Vision API
- 50+ stars on GitHub

## SKILLS

Python, Java, JavaScript, Typescript, MongoDB, React, Node.js, SQL, AWS, Docker, Kubernetes, PostgreSQL, GitHub Actions, HTML, CSS, Git, Linux