

Farzin Adil

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EDUCATION

San Jose State University

San Jose, CA

Bachelor's of Science in Software Engineering

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

Moorestown, NJ

Software Engineer

April 2023 - Present

- 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 plugin for simulator that allow engineers to mock various system components to test 2 software applications and ensure bug-free implementations of features using Java

CDK Global

San Jose, CA

QA Engineering Intern

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 taxes and fees data
- Implemented an automated workflow for Coverity vulnerability analysis using GitHub Actions

Linqto

Remote

Systems & Web Development Intern

August 2021 - May 2022

- Implemented Google Analytics to monitor user behavior on the conference website
- Designed and added new webpage 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 SMS when crypto/finance influencers like 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