

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

- Enhanced Long Range Discrimination Radar (LRDR) by implementing power management features for radar arrays using Java
- Enabled real-time weather status updates for the radar system by integrating a data download functionality using Java
- 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
- Updated SQL database with over 10,000 faults to enable operators to monitor radar system health, identify faults, and track system status

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 prices of specific automobiles
- Developed backend and designed database schema using MongoDB, Express, and Node.js
- Used python 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

