Farzin Adil

SF Bay Area | linkedin.com/farzinadil | http://farzinadil.com/ | 510-896-0695 | farzinadil@gmail.com | Github

EDUCATION

San Jose State University   San Jose, CA
Bachelor 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*
- Achieved over $40,000 in savings by engineering Java-based server software for safety-critical power infrastructure, reducing dependency on costly hardware solutions
- Optimized maintenance activities by devising and integrating monitoring functionality for the Long Range Discrimination Radar (LRDR) system, overseeing the health and status of 1000+ hardware components with added power toggle features
- Enhanced radar system capabilities with real-time weather updates by designing and integrating a Java-based data download functionality
- Created a plugin for a simulator, enabling engineers to mock various system components and test software applications, ensuring bug-free feature implementation 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
- Led the orchestration of an Airflow job with a Python DAG to automate bulk updates of tax and fee data
- Orchestrated an Airflow job with a Python DAG to automate bulk updates of tax and fee data
- Introduced 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 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