ALAN NOUN

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https://alannoun.com/

EDUCATION

Bachelor of Science in Computer Science May 2020
Cal State University East Bay

SKILLS & CERTIFICATES

Certification	AWS Cloud Practitioner
Computer Languages	Python, Bash, Javascript, Typescript, Java, GraphQL, HTML5, CSS, C++
Software & Tools	AWS, Docker, Git, Linux, NodeJS, React, ReactNative, Redux, SQL/NoSQL WebGL, Three.JS

EXPERIENCE

Cognizant Technology Solutions June 2021 - Present
Full Stack Software Engineer

· Led the design and development of a comprehensive e-commerce website with personalized recommendations, real-time data analytics, and Lytics integration for the customer data platform (CDP). Framework and services used include ReactJS, AWS Personalize, AWS Load Balancers, DynamoDB, AWS Fargate, and CodePipeline for CI/CD.
· Spearheaded Contact Center Agency application initiative to create a unified interface for a contact center agent to open tickets and resolve all issues related to the client's needs. Agent leverages the client's profile and information from the e-commerce site above to better help the client and make suggestions.
· Built conversational interfaces using Amazon Lex and integrated them with an intelligent, responsive avatar created using Soul Machines for a more personalized customer experience.
· Collaborated with other developers and internal sales teams to design a high fidelity cosmetic application using React, MediapipeJ, and ThreeJS.
· Designed and developed a front-end micro-service responsible for querying and aggregating all the data from multiple REST APIs
· Built CI/CD pipeline for a serverless app using AWS Lambda and AWS CodePipeline

Lawrence Livermore National Labs June 2019 - June 2020
Data Science Summer Institute Intern

· Containerized a legacy, high-performance 3D application built with OpenSceneGraph using a CentOS Docker base image to improve its portability and bring the project closer to being production-ready.
· Developed multiple Bash/Shell scripts to streamline and automate the process of generating synthetic data for training a convolutional neural network for the classification of airplanes in satellite imagery.
· Debugged complex C++ build systems and solved multiple device driver issues to enable rendering of synthetic data in a containerized environment.
· The Docker image I created is now being used as the basis for production