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, development, and deployment of an e-commerce website with personalized recommendations, real-time analytics, and Lytics integration. Utilized AWS services to create a robust and distributed infrastructure.
- Spearheaded the Contact Center Agency initiative by developing a secure, unified interface for contact center agents leveraging the latest AI tools. Features I've worked on include live voice-to-text transcriptions over calls, sentiment analysis, keyword extraction, ticket creation, AI-powered suggested responses, and an agent dashboard. Technologies used: React, NodeJS, Twilio, and various AWS services.
- Integrated Amazon Lex to create conversational interfaces. Enhanced customer experience with responsive avatars from Soul Machines.
- Collaborated with other developers and internal sales teams to design a high fidelity cosmetic application using React, MediapipeJS, and ThreeJS.
- Designed and developed a front-end micro-service responsible for querying and aggregating all the data from multiple REST APIs
- Developed an e-commerce app using Spring Boot, MongoDB, and ReactJS. Established a CI/CD pipeline with AWS CodePipeline and deployed to AWS Lambda.

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