ANDREW C. LO

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TECHNICAL SKILLS

Proficient: React • JavaScript (ES 5/6) • CSS3 • HTML5 • Node.js • AWS • MongoDB • RESTful API
Experienced: Socket.io • SQL • PostgreSQL • C++ • BootStrap 4 • Flexbox • TypeScript • GraphQL
Tools: Kubernetes • GitHub • VS Code • Postman • Jira • Docker • Figma • CircleCI • Ubuntu • Auth0

PROFESSIONAL EXPERIENCE

Web Designer | *Paik Vascular* *August 2024 - Present*
- Design webflows and user interfaces using Figma to enhance user experience and generate content
- Oversee healthcare website through WordPress to increase SEO and site performance by 10%

Software Engineer | *Talon Computer Associates* *June 2024 - Present*
- Developed optimized and efficient code to extract data from Facebook API and store it in Azure databases using SQL and Node.js, resulting in robust datasets for enhanced client analytics
- Constructed a high-performing web scraping tool with Puppeteer and Python, resulting in a 20% increase in client efficiency

Software Engineer | *Intelitics* *May 2022 - March 2023*
- Maintained and implemented new features for clients written in Typescript for clean and scalable code to provide click tracking services for advertisement engagement and revenue streams
- Utilized Looker, Redshift, and RDS using SQL queries to visualize click tracking data, produce reports, and craft interactive dashboards for sophisticated data analysis
- Deployed client instances, databases, and serverless functions leveraging Docker container orchestration and container systems through EC2 Container Services in AWS and Kubernetes
- Engineered REST-based web services via AWS Lambda and Node.js to seamlessly integrate proprietary functions and enhance system efficiency

Software Engineer | *Champions Round* *August 2021 - March 2022*
- Spearheaded the development of an internal CMS web app using React, Google Firebase, and Terraform to deploy and manage backend services and data through Go web services via AWS
- Developed CRUD operations to efficiently manage user data through RESTful APIs
- Implemented Iterable APIs to send transactional emails and app notifications to users
- Oversaw updating the main website using Svelte, Tailwind, and Netlify hosting, resulting in a significant 12% increase in website traffic and user conversion rates

Software Engineer | *Trusli* *May 2021 - October 2021*
- Launched a web application aimed at helping clients find the most suitable lawyer with React and Bootstrap on the frontend to build reusable components
- Created serverless backend endpoints using AWS API Gateway to deploy secure and scalable APIs

EDUCATION

LearningFuze, *Accelerated Web Development Program*
- 800+ hours programming in a real world environment under the guidance of senior developers

University of California, Santa Barbara, Bachelor's, *Environmental Science*