

Doug Lloyd

 Doug Lloyd |  msi1995 |  dgl.dev |  lloyd.dg7@gmail.com |  661-916-2753

PROGRAMMING SKILLS

Languages: TypeScript, JavaScript, HTML/CSS, SQL/NoSQL, Python, C++

Frameworks & Tools: React, Express, Node, Tailwind CSS, AWS, Git, GitHub, Jira, Confluence

Skills: Agile Development, Unit Testing, CI/CD, Version Control Systems, Object Oriented Programming

EXPERIENCE

Cue Health

June 2022 – June 2023

Full Stack Software Developer

San Diego, CA – Full Remote

- Worked with MERN stack + TypeScript as part of full-stack software team utilizing agile methodologies
- Built functionality to track activity as well as assess an inactivity timeout across pages related to live and asynchronous telehealth visits, allowing for more accurate disbursement of pay to healthcare providers.
- Built a signature log component that handled creation, update, and display of healthcare providers' personal signatures to be used with prescription fulfillment and in other components
- Built processes for ensuring idempotence of database migrations and general data integrity, one of which identified a critical data loss event in production, preventing significant impact to ~ 250,000 customers
- Enforced code quality standards by implementing and maintaining linting rules, increasing unit test coverage, and documenting critical test cases
- Abstracted common design components into Storybook for re-use across the development team
- Creation of written documentation, test plans, unit tests. Participation in code reviews, pull requests, deployments

Oregon State University - Institutional Analytics & Reporting

May 2021 – June 2022

Developer

Oregon State University - Corvallis, OR

- Designed and delivered end-to-end Selenium, Pandas, and Snowflake pipeline, which retrieved and aggregated millions of rows of data for use in cross-departmental applications
- Co-engineered hybrid AWS S3 environment with VPN tunnel to on-prem resources, eliminating the need for a web server and cutting costs to the University
- Created comprehensive documentation for both new and legacy features that had been left without instructions
- Automated infrastructure and VM configuration using Terraform, Ansible, Packer

PROJECTS

TeaganTails.com | React.js - Express - MongoDB - Tailwind CSS

- React SPA built to help a friend grow their personal business and be less reliant on commercial platforms and apps
- Testimonial submission tied into MongoDB Atlas, email notifications on contact form/review submission via EmailJS
- Hooked into Google Analytics to allow tracking of throughput and user interactions via react-ga4

Python Reservation Bot | Python - Selenium

- Utilized Python and Selenium to create a bot capable of navigating a multi-page booking process using Chromedriver
- Built into an all-in-one executable that contains dependencies such as Chromedriver binaries via Pyinstaller with the goal of automating a daily reservation process at my University back in 2021

EDUCATION

Oregon State University

June 2022

Bachelor of Science, Computer Science

Corvallis, OR

- **Awards:** Cum Laude, 8x Engineering Dean's List