Doug Lloyd

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

PROGRAMMING SKILLS

Languages: TypeScript, HTML/CSS, SQL/NoSQL, Python
Frameworks & Tools: React.js, MongoDB, Express.js + Node.js, Tailwind CSS, Jira
Skills: Agile Development, Unit Testing, Version Control Systems, Object Oriented Programming

EXPERIENCE

Cue Health June 2022 – June 2023
Full Stack Software Development Engineer San Diego, CA – Full Remote

- Utilized MERN stack with Typescript as part of full-stack software team, mostly focused on frontend
- Built out functionality to track activity as well as assess inactivity timeout across pages related to live and asynchronous telehealth visits, allowing for more accurate disbursal of pay to healthcare providers
- Built and maintained scripts designed to parse and validate data in production databases, one of which caught a critical data loss event early, preventing significant impact to $\sim$ 250,000 customers
- Assisted in implementing reusable components via Storybook, increasing developer efficiency
- Reworked repository-wide linting rules to increase code coverage and Typescript warning reporting by $\sim$20%
- Creation of written documentation, test plans, unit tests

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 within SLO
- Co-engineered hybrid AWS environment with VPN tunnel to on-prem resources to serve entities at OSU, 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 the creation of infrastructure & VMs using Terraform, Ansible, Packer

PROJECTS

Teagantails.com | *React.js, Express, MongoDB, Tailwind CSS*

- React SPA built with React, Express + Node.js, and MongoDB
- Testimonial submission through MongoDB Atlas, EmailJS contact forms, animations
- Responsive CSS built with Tailwind CSS

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

EDUCATION

Oregon State University June 2022
Bachelor of Science, Computer Science Corvallis, OR

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