

Doug Lloyd

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

PROGRAMMING SKILLS

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

Frameworks & Tools: React.js, Node, Express, GitHub, CircleCI, Cypress, AWS, Tailwind CSS

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

EXPERIENCE

Cue Health

June 2022 – June 2023

Full Stack Software Engineer

Remote

- Developed and maintained full-stack web applications using technologies including React, Typescript, Redux, Nest.js, MongoDB, GCP and DataDog in an agile environment
- Implemented signature functionality allowing healthcare providers to sign EMR documents including creation, update, and history features
- Wrote frontend and backend logic 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
- Designed and implemented a tool to ensure idempotence of database migrations and general data integrity that caught a critical data loss event, preventing significant impact to over 100,000 customers
- Played a significant role in a large state management refactoring effort, reducing linting errors by ~25%

Oregon State University - Institutional Analytics & Reporting

May 2021 – June 2022

Software Engineer

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
- Automated infrastructure and VM configuration using Terraform, Ansible, Packer

PROJECTS

MarbleLadder.com | React - Express - MongoDB - TypeScript

- React SPA featuring player-to-player match reporting, ELO rating calculation, global leaderboards, persistent stats
- Implements password hashing, email verification with Nodemailer, JWT tokens for authentication
- Built a CI/CD pipeline with Cypress and CircleCI to automatically run and verify tests before code can be merged
- Endorsed by the creators of the game (Marble It Up!) and pinned in the official group for the game

TeaganTails.com | React - Express - MongoDB - TypeScript

- 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

EDUCATION

Oregon State University

June 2022

Bachelor of Science, Computer Science

Corvallis, OR

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