Regina Donovan
Software Engineer

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Professional Experience

08/2021 – 01/2022	**Software Engineer,** *Lodge*

- Researched, designed, and built an open-source, comprehensive logging framework based on the Elastic stack.
- Automated deployment of ElasticSearch, Logstash, and Kibana nodes, and Kafka brokers across multiple availability zones in AWS, using CDK.
- Optimized clusters for fault tolerance and redundancy against traffic spikes and interruption of service.
- Designed and built a CLI tool using Node.js to configure deployment with straightforward UI, and published it as an NPM package.

04/2021 – 07/2021	**Software Engineer,** *Timehub*

- Designed Restful API to fetch, aggregate, and normalize user data from third party APIs, for dynamic dashboard display.
- Implemented authentication and authorization using signed JWTs to securely fetch user data.
- Designed and built SPA using React, Tailwind, and Chart.js.

03/2015 – 12/2020	**Animator,** *Pixar Animation Studios*

- Selected and mentored animation interns in their artistic and personal development.
- Led cross-department collaboration to achieve consistent scenes and characters in Oscar-nominated films

Skills

Web Tier
Javascript, React (Redux, Router), MVC, HTML/CSS, TailwindCSS

Application Tier
Node.js, Express, Jest, NGINX, Golang, Java, RESTful API Design, SQL

Data Tier
PostgreSQL, MySQL, SQLite, MongoDB

Misc
Git, Heroku, AWS

Education

2019 – 2022	**Launch School**
2012 – 2014	**Animation Mentor**