

# Abby L. McInerney

(207) 809-9112 | [abbylangmcinerney@gmail.com](mailto:abbylangmcinerney@gmail.com)

<https://abbymac.github.io/resume> / | <https://github.com/abbymac> | <https://www.linkedin.com/in/abby-mcinerney/>

## SKILLS

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**Languages:** *Fluent:* Javascript, React, Python, Node.js, GraphQL, HTML/CSS, SQL/PostgreSQL *Proficient:* Hapi, React Native, Node.js, Express, Kubernetes, Docker *Familiar:* Rust, Ruby on Rails, C, Flask

**Software:** Datadog, CircleCI, Airflow, MWAA, S3, Secrets Manager, IAM, EC2, Adverity, Figma, Auth0, Tableau, Sigma, Looker, Pendo, Fullstory, Contentful, Marketo, Heroku, Salesforce, Jira

## EXPERIENCE

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### Goodway Group

*Software Engineer*

**Remote, USA**

April 2023 - January 2024

- Key contributor to the development of a new, multi-platform ad data visualization product, with a focus on both front-end and back-end technologies
- Engaged in back-end development, leveraging GraphQL for API services, Kubernetes for container orchestration, and Sequelize as the ORM for efficient database management
- Utilized Rust for the implementation of custom "rules" to organize and transform data, ensuring tailored data processing and optimization
- Facilitated scalable and efficient data access and analytics through the management of data storage in an Amazon Redshift database
- Directed front-end development using React, with MaterialUI for the construction of user interface components, ensuring a seamless and intuitive user experience
- Incorporated Apollo for streamlined data fetching from the back end, enhancing the application's dynamic content delivery
- Employed Auth0 for robust user authentication and authorization, guaranteeing secure and customized access to the application
- Independently designed and developed a comprehensive activity mapping feature to augment reporting metrics, utilizing a full spectrum of development tools
- Streamlined the onboarding of new advertising platforms by standardizing disparate data sets, ensuring consistency with our established platforms
- Optimized ETL processes, boosting data processing efficiency for current and new data sources

### Goodway Group

*Associate Software Engineer*

**Remote, USA**

December 2021 - April 2023

- Implemented a Slack integration with existing products to refine error reporting and amplify user feedback
- Crafted a Figma component library to streamline mockups and led the adoption of company branding across tech products, ensuring consistent brand identity
- In Python, wrote and managed DAGs to pull client data from various advertising platforms like Facebook, Bing, and The Trade Desk
- Crafted Data Definition Language (DDL) for various ETL tables, focusing on enhancing readability and comprehension while simultaneously boosting overall performance
- Rewrote and reconfigured DAGs from Apache Airflow to Amazon Managed Workflows for Apache Airflow

### Goodway Group

*Tech Operations Engineer*

**Remote, USA**

April 2021 - December 2021

- Successfully addressed over 50 client support tickets, encompassing data discrepancy resolutions, ETL modifications, and implementation of feature enhancements
- Assessed software issues, directly resolving them or delegating to the relevant team as needed.
- Functioned as the technical administrator, overseeing the assignment and management of software access levels, such as user permissions for company tools such as Tableau and Okta
- Primary liaison for software support, resolving internal and external user issues

<b>Knotel</b> <i>Full Stack Engineer (Departed due to company wide lay-offs)</i>	<b>New York, NY</b> November 2019 – February 2020
<ul style="list-style-type: none"><li>• Managed/developed company's website built with React, Typescript, and Express with Contentful integrations</li><li>• Contributed to core internal API written in Ruby on Rails</li></ul>	

<b>Knotel</b> <i>Marketing Analyst</i>	<b>New York, NY</b> September 2018 – November 2019
<ul style="list-style-type: none"><li>• Developed a React Native app for implementation managers to track the buildout progress of properties</li></ul>	

## EDUCATION

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<b>Udacity</b> <i>Full Stack Web Developer Nanodegree</i>	<b>Portland, ME</b> 2020
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<b>Trinity College</b> <i>Bachelor of Science in Mechanical Engineering</i>	<b>Hartford, CT</b> 2014 - 2018
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## LEADERSHIP

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<b>Trinity College Varsity Lacrosse</b> <i>Four Year Starting Attacker</i>	<b>Hartford, CT</b> 2014 – 2018
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<b>Society of Women Engineers</b> <i>Trinity College Chapter Vice President</i>	<b>Hartford, CT</b> 2016 – 2018
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