RYAN GOGGIN

Greater Boston Area (Open to Remote or NYC Relocation) ● (603) 809-8103
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TECHNICAL SKILLS

Front End | JavaScript, React, Redux, Node.js, CSS3, HTML5, styled-components
Back End | Python, Flask, SQLAlchemy, Alembic, Express.js, Sequelize, PostgreSQL, SQLite, Socket.IO, AWS S3
Testing/Deployment | Jest, Mocha, Chai, Render
Developer Tools/Techniques | Docker, Git, npm, Webpack, Babel, Agile Methodology, TDD, OOP

PROJECTS

App Academy Capstone Project | Goggbook   **Live | Github Repo | April 2023**
Project that clones the functionality of Facebook   Python | Flask | SQLAlchemy | Alembic | React | Redux | AWS S3
- Constructed a full-stack web application that mimics Facebook's dark mode design, enforces proper authorization and authentication, and allows users to connect and interact with their friends and community
- Utilized kanban boards and Agile Methodology to track project deliverables and maintain schedule for full feature completion
- Leveraged AWS S3 technology to reduce server load and provide an improved user experience (UX) when uploading and storing image files on their profiles
- Designed user interfaces (UIs) using React and styled with media queries in CSS to provide a seamless UX across the application
- Provided users with Create, Read, Update, and Delete features for profile pages, posts, comments, likes, friends, and birthdays

Full-Stack React/Flask Group Project | PixelPal   **Live | Github Repo | March 2023**
Group project that clones the functionality of Discord   Python | Flask | SQLAlchemy | Alembic | React | Redux | Socket.IO
- Developed a full-stack web application that utilizes websockets to implement real-time messaging between users in channels on servers and in direct messages between users
- Collaborated with team members using Agile Methodology to pace out project milestones and track completion of features
- Designed and implemented UIs using React to provide a seamless and enjoyable UX across the application
- Utilized RESTful API design principles to create and implement Create, Read, Update, and Delete operations for users, friends, servers, channels, messages, and reactions

Full-Stack React/Express Project | GoggInn   **Live | Github Repo | February 2023**
Project that clones the functionality of Airbnb   JavaScript | Express.js | Sequelize | React | Redux | PostgreSQL
- Utilized Express.js as the web application framework and Sequelize as the Object Relational Mapping (ORM) in the backend
- Created and integrated the frontend utilizing React for DOM manipulation and Redux to implement a state-based design pattern
- Dynamically validated all input forms and ensured proper authorization for access to certain features throughout the app
- Stylized the frontend with CSS to match wireframe specs and uphold general design standards

Side Project | Ryan's a/A Journal   **Github Repo | October 2022 - April 2023**
Journal logging my experience through App Academy while using what I learned   JavaScript | HTML | CSS
- Created a single page journal divided by mod, week, and day of the 6 month App Academy online SWE program
- Utilized HTML to create components, CSS to style the components, and JS to create links to my LinkedIn, GitHub, and projects
- Project is planned to be converted to a personal website or web app with a project portfolio and more interactivity

EXPERIENCE

AstraZeneca   **South San Francisco, CA**
Inhalation Product Development - Process Engineer I   June 2021 - June 2022
- Collaborated cross-functionally across management, engineering, device, and formulation teams to achieve project deliverables
- Identified and reported technical issues, performed equipment troubleshooting, and implemented process improvements
- Applied in-process data interpretation to execute particle process operations in R&D and early clinical cGMP facilities

EDUCATION

App Academy
Online Full-Stack Software Engineering Program (6 Month)   October 2022 - April 2023

Brown University School of Engineering
Sc.B. in Chemical Engineering   September 2016 - May 2020

INTERESTS

Skiing, Traveling, Football, Basketball, Hiking, Running, Gaming