

Alexander Frank

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Profile

Software Engineering graduate with proven experience in developing full-stack applications, both solo and in teams. Experienced in the design, implementation, and testing phases of software development. Passionate about learning new technologies, contributing to meaningful projects, and growing as an engineer.

Skills

Web	HTML5, CSS3, SASS, React, Node.js
Languages	TypeScript, JavaScript, C++, Python
Other	Git, Unix, Agile, Scrum, Kanban
Soft	Public Speaking, Communication, Grit, Initiative, Resourcefulness

Software Projects

DevChat (Personal)

github.com/alexfrankcodes/devchat

- Built with **TypeScript, React, Node.js, Express**, and **Socket.io**
- Front-end deployed on **Netlify**, back-end deployed on **Heroku**
- Implemented real-time chat functionality from scratch, allowing multiple users to join rooms and communicate
- Built and styled clean, modular front-end components to provide an enjoyable user experience

Employee Manager (University)

github.com/alexfrankcodes/employeeManager

- Built with **React, Redux, Node.js, Express, MySQL**, deployed on **Heroku** with continuous integration using **TravisCI**
- Implemented registration/login, authentication
- Designed and implemented user interface including searching and sorting functionalities
- Connected to MySQL test database (dev.mysql.com/doc/employee/en/) to retrieve and display employee information

Twitter Opinion Analyzer (Personal)

github.com/alexfrankcodes/twitter-opinion-analyzer

- Built with **Python, Flask**, deployed on **Heroku**
- Integrated with Twitter API to pull the 100 most recent and popular tweets on a user-provided subject
- Implemented basic sentiment analysis on retrieved tweets using the TextBlob NLP library

Education

San Jose State University

BS Software Engineering, 2017 - 2019 | 3.25 GPA

- Won "Best of Show" in the cross-department SJSU Technology Showcase by developing Ally, a habit-tracking mobile application for Alzheimer's patients, beating over 40 other teams
- Semi-finalist in Silicon Valley Business Plan Competition, for TimeCrunch: an app to crowdsource venue wait time data
- 4.0 GPA in core upper-division track:
Software Engineering I, Software Engineering II, Senior Design Project I, Senior Design Project II

Work Experience

Nordstrom Rack

Stockperson

- Performed key duties including shipment processing, display organization, product markdown, and product reticketing