Andy Garcia

✉ acgarzeah@gmail.com 🌐 garzeah.github.io/portfolio 📞 (510) 561-9826 📍 Cupertino, CA
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Education

University of California, Davis   Jan. 2017 - Jun. 2020
B.S. in Statistics

Experience

Full Stack Developer · Hatchways Co-op   Jan. 2021 - Apr. 2021
• Worked with a professional software engineer to develop a full stack application using GitFlow principles (branching, pull requests, merging)
• Implemented user authentication using JWT, middlewares to encrypt/decrypt a user's password, and Socket.IO for real-time communication
• Technologies: React, Redux, Node, Express, Mongo, Socket.IO

Web Developer · #include   Sep. 2019 - Jun. 2020
• An organization at UC Davis that creates web applications for non-profit organizations
• Learned web development foundations using HTML/CSS and Javascript

Projects

Decipher   Jan. 2021 - Current
A real-time messaging application that allows users to converse with anyone in any language.
• Implemented authentication by storing a JSON web token in a user's cookie and developed a middleware to validate their token in order to access protected routes
• Architected scalable schemas for storing data regarding a user's personal information, conversations, and messages
• Developed mongoose middlewares that decrypts an existing user's password and hashes a new user's password using bcrypt
• Handled real time messaging with Socket.io by creating events that listens for when a successful message is sent which then causes connected clients' state to update in React
• Technologies: React, Redux, Node, Express, Mongo, Socket.IO

Harvest Bakery   May 2021 - Current
An e-commerce application that allows users to purchase baked goods.
• Managed and automated a CI/CD pipeline using CircleCI and Heroku
• Technologies: Typescript, React, Redux, Jest, Enzyme, Node, Express, PostgresSQL, Redis

Skills

Languages: Typescript, Javascript, SQL, HTML/CSS
Technologies: React, Redux, Node, Express, Mongo, Socket.IO, Heroku