Monica Bui

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SOFTWARE ENGINEERING APPLICATIONS

Product Manager and Software Programmer

Stitch Saver | *Crafty Caribbean*

- Led a team of seven software engineers to create an application designed for discovering and tracking artistic projects
- Constructed the header component - comprised of the search bar, search suggestions, and navigation subcomponents using JavaScript, React, CSS Modules, Node Express, and Postgres

Back End Engineer

Atelier System Design | *Charismatic Cedar*

- Collaborated in an engineering team of three to construct server and database architecture utilizing Node.js and Express frameworks
- Redesigned database schemas and horizontally scaled services to improve performance capable of handling 2000 requests per second - performance tested using Loader.io and K6
- Deployed microservice with Docker to AWS EC2
- Implemented NGINX load balancer to route traffic volume

Full Stack Developer

Magic Meme | *Personal Project*

- Engineered a full stack application to MVP in two days mimicking the novelty fortune-telling magic eight ball that was inspired by flip-a-coin moments
- Requested and served gifs from the Giphy API to answer yes or no questions, retrieved gifs curated from keyword searches, and rendered trending memes

Frontend Engineer

Atelier Retail Portal | *Oscillating Owls*

- Contributed in a team of four programmers with a concerted effort to construct front-end components of a retail service site
- Leveraged state-based components to render mathematical statistics regarding product characteristics, reviews, and ratings
- Personalized and integrated custom star icons, gradient buttons with hover transitions, and styled inputs for a more aesthetic design

EDUCATION

Hack Reactor, San Francisco

Advanced Software Engineering Immersive • Graduated April 2021

University of California, Irvine

Paralegal Certificate • Graduated September 2018

University of California, Santa Barbara

Bachelor of Arts • Graduated June 2015

TECHNICAL KNOWLEDGE

JavaScript • Node.js • Express • ES6 • NPM • AWS • EC2 • S3 • Nginx • Git Workflow • Debugging • Databases • SQL and NoSQL • MySQL • MongoDB • Webpack • Babel • jQuery • Programming • Trello • ServiceNow • VSC • Loader.io • K6 • Agile Methodology • TDD • CircleCI • Data Structures • Project Management • System Design and Integration • Technical Documentation and Research • APIs

PRIOR PROFESSIONAL EXPERIENCE

Latham & Watkins LLP

San Francisco, CA
2019 - 2021
Pros Assistant | Notary | Emerging Companies | Corporate Law

Stradling Yocca Carlson & Rauth, PC

Santa Monica, CA
2017 - 2019
Corporate Assistant | Bond and Public Law, Corporate Law, Litigation, IP

Liem H. Do & Associates, APLC

Orange County, CA
2015 - 2017
Personal Injury | Estate Planning | Family Law

INVOLVEMENTS AND OTHER SKILLS

- Bilingual
- Crisis Counselor for Crisis Text Line
- Leadership experience through Rotary Youth Leadership Awards Program
- Lead the UCI/OCPA Student Liaison team while attending UCI
- Licensed Notary Public
- CPR/AED Certified
- Interests:
  - Ran two half marathons
  - Backpacking
  - Photography and painting