

Elaine Wong

NYC-based fullstack software engineer with a background in engineering, consulting, & fintech

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TECHNOLOGIES

Javascript (ES6), React, Node, Express, Socket.io, Redux, HTML, CSS, SQL, MongoDB, ORMs, Redis, Github, Docker, AWS, Heroku, Agile, TDD

SOFTWARE ENGINEERING APPLICATIONS

SockEtch — *Socket.io, React, Express, MongoDB, HTML5 Canvas, Heroku*

github.com/lainermeister/SockEtch

FULL-STACK REAL-TIME MULTIPLAYER GAME

- Deployed a playable socket-based webapp implementing drawing & guessing game rules
- Implemented room creation & join capabilities via randomly generated codes

Kartify — *React (w/ Hooks), Redux, Node, AWS*

github.com/Kartify-Team/Kartify

FRONT-END PRODUCT PAGE REDESIGN, WITH A FOCUS ON THE QUESTIONS & ANSWERS COMPONENT

- Implemented modern features, including infinite scrolling, highlighted search filters, & modal-based forms
- Created & modularized an API for image uploads to use across multiple components
- Built color swapping tool to enable light & dark modes using CSS variables & React Hooks

Agile Beluga API — *Postgres, Docker, AWS, Redis, Node, Express*

github.com/Agile-Beluga/Products

BACK-END DATABASE & SERVER SYSTEM REDESIGN TO SUPPORT INCREASE IN TRAFFIC TO E-COMMERCE SITE

- Optimized database queries & implemented a Redis cache to support 50% increase in traffic to popular endpoints
- Containerized & deployed database & server into AWS EC2 instances for separate management of microservices
- Designed an ETL process to extract a large volume of legacy data into a Postgres database

PROFESSIONAL EXPERIENCE

UpsideBot — Co-Founder

2018 - 2019

- Launched a messaging app to track spending habits & encourage better long-term savings decisions
- Led technical development & managed offshore resources for fullstack app

American International Group — *Data Science Business Analyst*

2015 - 2018

- Collaborated with data scientists on creating deep learning models to predict customer behavior in retirement products, delivering over \$400m in value
- Designed products & spearheaded national competition to raise AIG's brand in Ireland for Millennials

Accenture Strategy — *Senior Business Analyst*

2012 - 2015

- Managed Agile development for a leading bank's digital transformation benefiting 60m customers
- Collaborated with product, design, & engineering teams to define and prioritize business requirements

EDUCATION

Hack Reactor — *Advanced Software Engineering Immersive*

2020

900 HOUR FULLSTACK JAVASCRIPT COURSE

Rice University — *Mechanical Engineering*

2012

BACHELOR OF SCIENCE (CUM LAUDE)