

# Elaine Wong

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

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## TECHNOLOGIES

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

## 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

## SOFTWARE ENGINEERING APPLICATIONS

### Kartify – React (w/ Hooks), Redux, Node, AWS

[github.com/Kartify-Team/Kartify](https://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, Redis, Node, Express

[github.com/Agile-Beluga/Products](https://github.com/Agile-Beluga/Products)

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

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

### Connect 4 – React, Express, SQL, Heroku

[github.com/lainermeister/Connect-4](https://github.com/lainermeister/Connect-4)

FULL-STACK PLAYABLE WEB-APP

- Implemented functionality & rules of Connect 4 game using client-side logic
- Built a back-end game end storage tracking wins and losses

## EDUCATION

### Hackreactor – Advanced Software Engineering Immersive

2020

900 HOUR FULLSTACK JAVASCRIPT COURSE

### Rice University – Mechanical Engineering

2012

BACHELOR OF SCIENCE (CUM LAUDE)