# ALL ABOUT ME

SONIA CHOUDHURY

Full-Stack Web Developer London

Hi there! I am a seasoned business professional, turned tech enthusiast and Junior Developer. With a wealth of skills across a broad range of demanding, client facing roles under my belt, I’m pursuing my passions and now seeking a new challenge in a completely different industry. I’ve spent the last 4 years working in the tech industry as a talent scout, placing senior software engineers into their dream jobs, and it was a hugely satisfying, rewarding, and fulfilling career for a time. I enrolled General Assembly’s Full-Stack Software Engineering Immersive course for this reason- to further expand on what I’ve self-taught. With a solid foundational understanding of the MERN Stack, Python and newer library methodologies such as React Hooks, I'm keen to apply what I've learnt so far into practise in a dynamic, innovative, earth-conscious company that shares the same ethos as myself.

# COMPETENCIES

* CSS/SCSS/Bootsrap/Bulma
* HTML5
* Javascript
* React.js, Node

- SQL (3/5)

* Mongoose. Express
* MongoDB
* Python
* Django

# CONTACT DETAILS



OTHER INTERESTS

I like attending tech and agile meet ups such as the Codebass.

I love music, and creating Spotify playlists for my friends and family.

I really enjoy detailing my travels on my online blog.

Learning foreign languages

# WORK EXPERIENCE

## Software Engineering Immersive- SEI LONDON

### General Assembly | SEPT 2019- PRESENT

This was a 3-month intensive bootcamp where I wanted to expand my knowledge and skills on what I had previously self-taught through Udemy.

-Created responsive webpages using HTML, CSS and JavaScript.

-Wrote full-stack web applications and deployed on Heroku, Git, GitHub, Heroku, Command Line

-Consumed and built APIs using React, Django and Express.

-Experience building stable page applications using React.

-Safely modelling and storing data in SQL, PostgreSQL, MongoDB, databases.

-Experience deploying, pushing and pulling requests from Git and Github.

-Solved algorithm challenges and computational complexity using Big O notation.

#### General Assembly Projects

P**roject 1- Space Invaders** Individual project Timeframe: 7 daysS

pace Invaders is an entertaining browser-based arcade style game.This was my first project from General Assembly's Web Development Immersive Course. It was an independent project built in a week, and is both the first real game I have built, and the first instance applying real-world-type logic with vanilla JavaScript.The first thing I considered was to create a 15 x 15 grid in JavaScript to build the rest of the game around. To create the alien army, I created a class of 'activeAlien' in CSS which I added to my alien array in JavaScript using the forEach method. To move the alien army I used multiple arrays along with forEach to loop through the alien array to remove the class of alien, find the new position of the aliens and increment the position of aliens until they reached the bottom of the grid.I created a function for the alien army to drop bombs using two set intervals to drop them periodically, which then moved down the grid a cell at a time.

Technologies:

-Vanilla JS, CSS, HTML

Link: https://soniacweb.github.io/Project-01/

# WORK EXPERIENCE

## Software Engineering Immersive- SEI LONDON

### General Assembly | SEPT 2019- PRESENT

#### Additional- Rock Paper Scissors

iIndividual project Timeframe: 2 days

In the index.html file, I built a whole section containing the score, intro screen, and a second screen that would switch to the game screen. I created classes to differentiate the divs and knew this would serve handy when isolating them in my JavaScript.For my landing page, I added fadeOut and fadeIn classes to query select in my app.js file, before applying display block and display none in my css, to reveal and hide the two different screens upon being triggered by a click event. Methods used: I added an event listener in a regular function here to trigger an event on three separate button options. Based on the player choice and therefore the eventlistener, the computer would then be triggered to select a random choice of its own- in theory. I used the Math.floor array method and encapsulated everything within the Math.random() method to round it up to the nearest whole index.

-Vanilla JS, CSS, HTML, Github Link:https://soniacweb.github.io/rockpaperscissors/

**Project 2- Disney Villains** Individual Project Timeframe: 7 days

A database of disney villains.

90% complete but need to add to github and deploy Fullstack project using React.js

Link: TBC

**Project 3-The Vault** Group project Timeframe: 7 days

The Vault is a lifestyle blog and website, carefully curating articles covering trends in fashion, media, literature, culture, and eateries in London. Users can sign up, log in and leave comments and thoughts on articles. The intention was to also allow them to 'like' and 'pin' articles onto their own dashboard, which are features we'd like to implement. We created 6 individual APIs for film, books, music, clothes, current, and our community page. We also used the Mapbox web services API for the community articles. This was a full-stack project using React.js:

Technologies

React.js, HTML CSS, Bulma, Express, Mongoose, MongoDB, HerokuGithub Link: the vault

EDUCATION HISTORY

**Royal Holloway Univeristy of London**

Politics and International Relations BA Degree

#### Project 4 - Redbrix , A Zoopla-inspired Property Search

Individual project Timeframe: 7 days

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Redbrix is a dynamic property listings website built with Python and Django.

Technologies:

Python, Django, CSS, HTML, Lightbox 2 Homepage

Searchbox, with features enabled.Below that the latest 3 listings in the postgres database are presented. At the end I have static markups with some services listed.

I used query sets to filter my data when I'm fetching from the database. Dynamic data included in the form of seller of the month the listings page shows the property agent associated to that specific listing, this involves a property agent and property relationship. Main image, and smaller images underneath in the form of a Lightbox.

Underneath the main image I have some information about the property, ie sqft, room number, description etc. There is an enquiry button underneath the property agent’s profile on this listings page. This opens up to in a modal form. It’s designed so if a user is already logged in, the email and name should pre-populate from the database. Once registered, a message will popup using Django message, and formatted in bootstrap. This involved JavaScript's setInterval method so that it can disappear after 3 seconds.

Github link: tbc

## Online Student

Udemy, London | June 2019 - October 2019

Completed a full-stack 2020 web development course Completed a React immersive course

## Project Consultant

### Department of Health, London| December 2018 - July 2019

Working within a fast paced PMO environment overseeing recruitment campaigns for the entire business at a high level. It required developing relationships quickly, and collaborating with IT, Commercial, Marketing and Finance teams to facilitate the campaigns.It was also within my remit to construct business cases for stakeholder approval, and forecast budgets for potential extensions and future hires.The position required effective communications at all levels, as well as compiling detailed reports on excel for analysts and senior management within the project management office on a weekly basis.

**Delivery Consultant**

### Digital Gurus| October 2016 - December 2018

I specialised in freelance tech: (FED, BED, Full Stack Development), but also in Agile Digital Delivery, Digital PM, Product, UI, UX, User Research and Security contracts for the government.I’ve previously sourced for entire agile teams, and tech stacks primarily in Java, Javascript, React, Python, and RubyClients include: Valtech, MOJ, GDS, Home Office, Cabinet Office, DfE

Responsibilities included developing search strategies to identify target companies and appropriate resources for

each assignments