

Simran Rai

Junior Full Stack Developer



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About Me

Looking for a junior full stack developer role working in an Agile Development environment where I can contribute to all stages of the software development lifecycle.

After finishing my degree in Biomedical Sciences, I decided to pursue a career in the tech industry because I want to be in a field where I can continually learn, be challenged and hopefully make a difference.

Skills

Over the course of 16 weeks, I went from being a coding beginner with little knowledge of anything tech related to a junior full stack developer.

Being part of the bootcamp has helped me develop my soft skills to become a well rounded developer - working alone or as part of a team.

- Logical and Analytical: I can quickly pick up how programming languages work and come up with programming solutions.
- Fast Learner: I have learnt how to use a variety of different tech tools in 16 weeks.
- Collaborator: I have successfully worked in teams and pair-programmed.
- Attention to detail: helpful especially during debugging.
- Works Well Under Pressure: as part of a team, I can deliver full stack MVP apps in relatively short time frames.
- Curious: I plan on exploring new technologies I have not used yet.
- Patient: allows me to learn new tech and come up with solutions in a timely manner.

I have worked with the following technologies:

Front-end	HTML, CSS, JavaScript, React, Next JS, Tailwind CSS, TypeScript
Back-end	Node JS, Express, PostgreSQL, RESTful APIs
Infrastructure	Amazon Web Services (AWS), Heroku, Netlify, Vercel
Testing	Cypress, Jest, Supertest
Authentication	Auth0
Project Management	Trello, Figma, Miro, Google Jamboard
Version Control	Github

Experience

School of Code / Bootcamper

MAY 2022 - AUG 2022

An intensive 16-week course to introduce Bootcampers to the tech industry and the skills needed to succeed in the tech industry.

Developed technical skills by learning and exploring different tech tools. Developed soft skills through pair-programming, hackathons and working in small teams to build applications.

Ran projects using an Agile methodology, and participated in and ran Scrum tasks such as Daily Scrum Meetings, Sprint Planning and Retrospectives

Mid-course project / [Athena Resource Tool](#)

Working in a team of five, built a full stack MVP of a resource sharing app.

Gained a deeper understanding of building and testing RESTful APIs.

Side project / [Hero's Journey Personality Quiz](#)

Working in a team of three on a personality quiz based on the Hero's Journey during weekends in order to explore new frameworks (Next JS and CSS Tailwind)

Gained exposure to different frameworks and conducted code reviews.

Final project / [Project Clean-up](#)

Working with five other Bootcampers, built and deployed a full stack app in four weeks for people to organise environmental clean-ups in their local areas.

Gained a deeper understanding of frameworks (Next JS, CSS Tailwind) while also exploring different UI libraries and packages (Ant Design, Formik, Toastify). Learned how to implement Leaflet map API into an app.

Deployed the front-end on Netlify and deployed back-end on Heroku.

Education

St George's University of London - 2017 -2020

Bsc Biomedical Sciences with Global Health (Hons)

Achieved 2:1 grade

A Levels / GCSE - 2013 - 2017

Achieved A-C in Biology, Chemistry & Maths

Achieved A*-A in 13 GCSEs incl English Language & Maths

Hobbies

Alongside learning programming languages, I am also attending lessons to learn Brazilian Portuguese. I can communicate at a C2/B1 level with native speakers and I aspire to become fluent in the upcoming months.