ANNIKA CHAUHAN

Software Developer

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PROFILE

Creative problem solver and Software Developer with strong capabilities in JavaScript for both client and server side development. An inquisitive and logical individual with a passion for learning new things and finding innovative ways to construct clean, reusable code. Graduate from the University of Birmingham achieving an Upper Second Class with Honours in Mathematical Economics and Statistics.

KEY SKILLS

- Essentials: HTML, CSS, JavaScript, TypeScript, Git/GitHub, Bash & NPM/Yarn
- Frontend: React & Vue with corresponding SSR libraries (Next & Nuxt), Material UI, Bootstrap, Jest Unit Testing, Cypress E2E testing, Redux & React Query
- Backend: Node.js, Nest, Ruby on Rails, PostgreSQL, Firebase, Hosting & HTTP, REST APIs, Authentication & Authorisation
- Current Self-Learning Plans: Nest, Python, Docker & AWS

EXPERIENCE

June 2020 – present

Full Stack Developer | *NovaFutur, Victoria London*

June 2020 – July 2021: Junior Frontend Developer

NovaFutur build tools for companies to analyse and interpret data relating to their client activity, send out marketing campaigns and create experiments to understand users in more depth for personalisation of service – all housed on the NovaHub Project (React/Nest).

- Regularly built new features and reusable components based on specifications set by designers and the client. All features are built to facilitate reusability and can include the use of custom hooks. All code is written in TypeScript and has e2e tests.
- Regularly contributed to a variety of backend services (all in Nest) to create new API endpoints, amend requirements to current endpoints and fix bugs. All code is Object Oriented, written in TypeScript and has unit and integration tests.
- Maintain good communication with other teams within and outside of the company to ensure maximum efficiency and accuracy on the production of new features.
- Contributed to hotfixes for production – writing the code and redeploying services.
- Conducted induction training and on-going supervision of junior team members.
- Presentations to management of personal contributions to the project each sprint.
- Most notable contributions: drag and drop dashboard allowing users to create custom widgets and personalised layout, dark mode implementation across app, several reporting features which include editable charts and filtering functionality.

NovaFutur also has a charity project – Souls of Change at soulsofchange.com (Vue/Ruby on Rails). Please note that all time on this project is donated based on availability.

- Responsible for all new feature production, bug fixes and deployment on both the front and backend of this project as its sole developer and project manager.
- Most notable contribution: set up of Stripe 3D secure payment authentication.

Jan – April 2020	**Junior Software Developer** | *_nology, Moorgate London*

- Completed a 12 week self-funded intensive Software Development course taught by the technology boot camp, _nology. As seen on interviews with the BBC.
- Worked as a group of 15 on a client project for five weeks, working in week long sprints and pair programming tickets for maximum efficiency. Responsible for Authentication and Spotify API set ups. Additionally, facilitated communications with the PO for one sprint.
- Produced various personal projects as personal challenges and to demonstrate skills, all available on GitHub and portfolio site, detailed above.
- Participated in a week of soft skills training, comprising of content such as: productivity, assertiveness & professionalism, amongst many other life skills. Additionally, conducted a solo 5 minute TED-style talk at the end of the week.

May 2019 – Jan 2020	**Data Analyst** | *WARC, Holborn London*

- Responsible for solely producing over 1,500 data analysis articles for clients relating to advertising expenditure, consumption and media cost. Built automated spreadsheets where relevant data could be input and summary articles would be produced on mass.

In May 2019, WARC Data had published approximately 700 articles since the product first launched in the early 2000s. By January 2020 there were over 2,400 articles.

- Required to accurately and quickly clean and transform data received from supplier for over 20 markets prior to data being input into the automated spreadsheets.
- Produced a spreadsheet "database" and used VBA code to automate the creation of over 100 personalised reminder emails sent each week to suppliers.

Please see LinkedIn for more detail and previous non-tech related roles.

EDUCATION

2014 - 2017	BSc Mathematical Economics & Statistics | *University of Birmingham*

Upper Second Class with Honours

Key modules:	Advanced & Applied Econometrics	Statistics
	Mandarin (Level 3 & 4)	Game Theory
	Mathematical Modelling for Economists	
Dissertation Topic:	Crime, Economics & Happiness	
Extra-Curricular:	Treasurer of Indian Society (2015 – 2017)	
	Summer Business School in Beijing (2016)	

2007 - 2014	A levels & GSCEs | *St Helen's School, Northwood London*

A levels:	Mathematics (A*) Economics (A) Art & Design (A)
GCSEs:	3A*s 5As 3Bs (incl. Mandarin, Additional Maths & History)

INTERESTS

- Cooking & baking for family and friends.
- Painting & photography – mainly abstracts. Previously sold two of my paintings.
- Reading & learning about new things – a variety of topics ranging from economics & politics to history to science & human evolution.