CV Matthew Goodman

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Summary

Junior full-stack developer. Motivated by curiosity, creativity and personal discipline. Coming from a Bmus(music) degree and strongly driven by independent learning, continual improvement of personal skills, and by creating beautiful and useful experiences for other people.

Technical Skills

Profficent ES6 Javascript (NodeJs, ReactJS and GatsbyJS), HTML, Bootstrap, CSS/SCSS.

Experience creating a REST API using PostgreSQL and NodeJs.

Experience with testing frameworks such as Mocha, Jest, Supertest and Chai.

Some experience with Wordpress and PHP.

Coding Experience

Bmus(music)

My first experience of programming came from a music technology module on my degree. Using Pure Data, a visual programming language, I created an 'ear-training-app' that allowed musicians to. The app played musical intervals and featured a graphic user interface allowing users to guess the intervals, with the aim being to train the user's 'inner ear'. The app provided feedback on correct/incorrect guesses, various editable parameters and keyboard plug-in functionality.

Northcoders Coding Bootcamp

July 2019- Jan 2020

At Northcoders coding bootcamp, I learnt the basics of JavaScript and programming best-practices in short 'sprints'- challenges that took between 1 and 5 days to complete. Almost all code used test-driven development, Git version control and pair-programming. Major projects included:

NC News (back-end). Creating a back-end RESTful API for a reddit-style news site using PostgreSQL and NodeJS. Constructed using an MVC model, with error-handling and optional queries allowed to API endpoints. All endpoints, utils and error codes were fully tested with Mocha and Chai.
https://github.com/mattg95/be-nc-news
https://nc-news-matt-g.herokuapp.com/api

NC News (front-end). Working with ReactJS, HTML and CSS create an intuitive front-end for the news-site, using the same back-end API I had previously created.
https://github.com/mattg95/FE_nc_news
https://nc-news-react-app.herokuapp.com/

Daffodil IT Ltd

March 2020- Present

Daffodil IT are a small Sheffield-based IT and marketing company, where I have worked for the past 6 months as a junior developer.

Much of my work at Daffodil has involved redesigning Daffodil ltd's websites. Working closely alongside a UX designer, I created front-end pages based on his designs using GatsbyJs, HTML, SCSS and Bootstrap. The Gatsby front-end made requests to a headless Wordpress back-end, using GraphQl.The Wordpress back end was designed in such a way that non-technical users could edit the content of the website in the Wordpress admin fields.

I also created a Wordpress website for a local educational charity and paying client of Daffodil IT. The front-end work involved manipulating existing HTML, JS and CSS from a Wordpress theme. The back-end word involved setting up the content in the WP admin fields, in such a way that it would be easy for a non-technical person to edit. There was also a lot of manipulating the theme's PHP files to display this content as the client had specified in their brief.

Lastly, I gained expereince working in a small, close-knit team including a UX designer, marketing manager and SEO specialist, and a senior developer. Most of this work has been done remotely, but for the past > 1 month I have been working full time in the company office.

Work Experience

I have a strong work ethic and this can be seen in the jobs that I have held. These have included:

-From the age of 12, I delivered newspapers every morning before school and on Saturdays

-Various part-time kitchen and retail jobs whilst at school and university

-October- January 2018 Customer Service, Alpkit GHQ. Working in the return room of a medium sized company gave me a good perspective of the commercial needs of a medium sized company. Here, I used IT systems for tracking returned, refuned, swapped or defective items that had been returned by customers. I had some input into the design of efficient systems for the company, for example designing systems for testing returned products that the customer claimed were faulty.

Education

2:1 Bmus(music), the University of Sheffield,

A2 levels, Grades A- English, B- Design and Technology, B- music.
AS levels, Grade B- Physics.

10 GCSEs grades A*-B including A * Maths, English and Sciences

Interests & Volunteering

Effective Altruism (social movement). Using reason and evidence to answer the question "How can we do the most good?" Active member of Effective Altruism Sheffield. helped organise fundraising events and discussion groups on topics such as global health and poverty, and animal welfare.

Cycling and mountain biking. Involved in maintaining Bolehills BMX track.

Music performance, theory and history. Play piano, bass guitar and wrote my undergraduate thesis on the evolution of the music of Miles Davis.