TOBY BROCKLEHURST

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Summary

I'm a self-motivated software engineering student with a passion and drive to learn, who is looking for a junior full-stack developer role. Through my work in customer service-related roles I have become adept at teambuilding and communicating the story of a product no matter the experience of the listener. I hope to use and expand upon these talents and my programming skills at a company which can offer me new experiences and challenges.

Education

- **High School Diploma |** St Augustine's College- end 2015
- **Bachelor of Engineering (Honours) incomplete |** Macquarie University - Studied 2016 to 2019 achieving 38 of 72 credit points. Major in Software Engineering, prior to leaving and switching to General Assembly course.
- **Ongoing |** Software Engineering | General Assembly – Apr to Oct 2020
- **Ongoing |** CS50's Web Programming with Python and JavaScript | HarvardX

Experience

Freelance Website Design | Vineyard work (in Spain)
2019
- I designed and implemented website updates using JavaScript, CSS, HTML & WordPress.
- I tested and deployed the website into a production environment.

Factory Hand | Australian Laminators
2018
- Worked cohesively in a team to laminate boards in order to meet quotas for a deadline.
- Comprehensive knowledge of work areas and equipment preparation.
- Thorough understanding of sorting, packing, crating materials and products.

Retail Assistant | Bunnings Belrose

2013 - 2017

- Applied engineering knowledge answering customers questions about construction and tools.
- Managed and organised deliveries and consulted with delivery drivers to efficiently loading and unload deliveries and move stock around the store.
- Restocked, arranged and organized merchandise in front lanes to drive product sales.
- Scan and loaded purchases and managed daily till opening and closing procedures.
- Constructed the displays for the landscaping department.
- Organized the warehouse and stockroom areas using a pallet jack.

Projects

Cookbook App | July 2020

- A recipe generator with a working backend and user functionality.
- Ability to generate recipes based on ingredients and store and share your favourites, this was to address the core problem of having ingredients in the fridge but not knowing what you can cook with them.
- Created multiple user stories to understand the wants and needs of different personas, e.g. A cook would appreciate the functionality to create a recipe while an older home cook would want an easy to navigate layout.
- Used a trello-board to plot my progress and Draw.io to plan out the frontend & backend.

Skills Used

- MongoDB, jQuery, HTML, CSS & REST API

Resume Creator App | September 2020

- A Resume Creator with resumes displayed on the frontend and stored in the backend which are owned by a user account.
- Users are authorized using js-tokens and user passwords are encrypted through b-crypt.
- This app was made to streamline the process of creating a resume from, user details to experiences. The app also helps users easily compare their resumes to past versions.
- Created user stories of a teacher, student and recruiter to understand which features the app should have, such as the ability to save & edit templates.
- Planned out my time using excel and a trello-board to plot my progress and created database flowcharts with Draw.io.

Skills Used

- React, Ruby on Rails, PostgreSQL

E-Commerce Book Store App | October 2020

- A book shop app with products displayed on the frontend, with working cart and payment routes, where products and order details are stored on the backend and belong to a user.
- The user model contains authorized roles such that only an admin can create, update or delete products, user passwords are encrypted with b-crypt and sessions are managed by js-tokens.
- This app was created to make the shopping experience simple with clear functionality and an easy payment process.
- Created user stories to inform the layout of the app and its functionality, e.g. An elderly customer would want an easy to navigate layout while a repeat customer would enjoy the ability to sort by category.
- Planned out my time using excel and a trello-board to plot my progress and created database flowcharts with Draw.io, test cases were also created using jest.

Skills Used

- MongoDB, React, HTML, CSS, Material UI

Skills

- JavaScript, jQuery, HTML, CSS, React, Experienced with Rest API, Ruby on Rails & currently learning Python.
- Responsible Service of Alcohol.
- Pallet Jack Training.
- Volunteer building work for a Cambodian orphanage whilst at school.

Interests

- I am an experienced skier, enjoy touch football, building my growing record collection and have travelled throughout Europe, South East Asia and Japan.

References

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