Le Roux Vermeulen

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➢ Portfolio: https://l3r0ux.github.io/Le-Roux-Portfolio/

Personal Statement

I am a dedicated self-taught web and software developer. After high school I studied and graduated with a psychology degree, but I knew it was not what I wanted to do with my life. Technology has always interested me, so I started to learn a bit of programming, and was hooked ever since. I have been doing web and software development since 2019. I think what will give me an edge is that I am passionate about this field and always want to learn more to further improve my skills. I didn't just go through a computer science degree because I had to, I learned this because I wanted to, and had the drive to continue learning.

Work Experience

Nov. 2022 - Current
Osiris Trading | Remote
Frontend Developer

My role at Osiris Trading frontend development. The tech we use for the project includes JavaScript and TypeScript, the front end framework Vue 2 and 3, the UI library Vuetify and Primevue, the CSS library Tailwind, and the Vue framework Nuxt 2 and 3. I also use Stencil.js with typescript for widgets.

Description and my responsibilities:

One of my main responsibilites is developing and maintaining the frontend for the casino in the betway app. I have to have a sharp eye for detail to ensure that styling and animations are as accurate to the designs as possible. I also have to implement features and do bug fixes in general. In addition, I have to communicate and coordinate with the backend team from time to time for changes, new endpoints, or optimizations to current endpoints. I also have to communicate with the business side to ensure that features work like they are supposed to, and to give updates on progress.

Jun. 2022 - Nov. 2022
Sebrio | Remote
Fullstack Developer

My main role at Sebrio was Frontend development with Angular, with a little bit of backend as well using Node.js.

I did not stay at the company for long since the management style did not really fit with me. For the most part I just did bug fixes on the frontend.

Nov. 2021 - Jun. 2022
Raging River Trading | Pretoria Gauteng South Africa
Junior Front End Developer

My main role at Raging River is to assist with the frontend development of the new Betway web app. Among the tech we use for the project is the front end framework, Vue, the UI library Vuetify and the Vue framework Nuxt. This is a hybrid role as I go in to the office twice a week, thus we have daily standups to discuss what we have accomplished.

Description and my responsibilities:

Some of my main responsibilities include implementing new features, bug fixes and writing clean and maintainable code. I also have to ensure that the code I write is performant and tested well. I also have to communicate and coordinate with the backend team from time to time to request new endpoints to be developed, or new data to be included in existing endpoints. I also have to communicate with the people on the business side of the project to ensure that requirements are met.

Jul. 2021 - Nov.2021
Thinwood.co | Pretoria Gauteng South Africa
Software Developer

This is a fast paced startup environment where I have to constantly learn new technologies. We work with the AGILE principles, using Jira and Bitbucket. We work in sprints and have daily standups since the job is remote. I learned Angular with typescript and Android with java for this job specifically and built and angular and android app respectively. My responsibilities also included designing and wireframing app mockups with Miro.

Project: Townley
Timeline: July 2021 - February 2022
Description and my responsibilities:

We were building an app similar to Mr D Food. It entails building an android and iOS native customer app, a business app and a driver app. I was in charge of the customer android app, the business angular app, and the driver angular PWA.

I made about 90% of the Angular business app, where businesses can add their business, upload images, upload menu items, manage orders update their details and so forth. We used Firebase as the infrastructure for the app. I used firebase authentication, angular routing and nested routes, data binding, an array of different angular material components, form submissions, fetching data from Firestore etc.

I also made about 80% of the customer side android app before I left. I also had to fetch data from Firestore, use activities and fragments, the navigation component, passing data from one fragment to another with safeargs, working with shared preferences, working with recycler views and custom adapters, filtering businesses based on name and category, android material tabs etc.

I also made the app that the food delivery drivers will use which was about 80% complete as well before I left. It was an angular PWA in which the driver can log in and see his currently assigned orders, as well as his order history. The driver can then accept the order and get directions within the app to the customer that placed the order. The drivers live location is then updated to the database(firestore) as they drive, so that the customer using the customer app can see the driver's location in real time when the driver is out for delivery.

Freelance Projects

Jun.2020 - Present
Freelancer
Software and web developer

I have been casually freelancing on and off since I felt confident enough to do so. I have completed 4 official freelancing projects since mid 2020 together with a couple of my own personal apps (see portfolio)

Project: Leadership Academy

This is a fully mobile responsive teaching platform that I made for FEBA Radio SA. The technologies used were Angular and Firebase. I did the designs myself using Figma and implemented everything from scratch.

A user can sign up for an account and apply for one of the courses. The admin then has the ability to accept or reject the application in the admin panel. From there the user has access to the specific course only and can watch the videos, download images and the teaching materials.

The admin user has full CRUD functionality - the ability to create new courses and upload files, manage users etc.

Link:https://leadership-clarity.com/

Project: Feba Radio Ionic app

Description and my responsibilities:
I made a mobile application with Ionic and Vue3 for Feba Radio South Africa. The main feature of the app is that a user can listen to Feba radio stations from across the world. There are also scheduled push notifications with Firebase.

Link: https://play.google.com/store/apps/details?id=com.FEBA.FebaRadio

Project: Manfex
Timeline: September 2020 - September 2020 (3 days to complete

Description and my responsibilities:
I designed and developed the website myself. It is fully mobile responsive and is done with HTML, CSS, JavaScript and Bootstrap. I used EmailJs to send emails from the client side to the business email of Manfex.

Link: https://www.manfex.co.za/

Note: Please see my portfolio for additional personal apps that I have created

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Education

Jan.2015 - Dec.2017
University of Pretoria | Pretoria Gauteng South Africa
Psychology and Sports Psychology, Bachelor of Arts

I majored in psychology and sports psychology. It helped me a lot to understand people and myself, better manage conflict and just be more understanding overall. I think it will give me an edge in any workplace to work with the team and people better. As soon as I finished the degree though I knew it wasn't what I wanted to do with my life. I have always liked technology and started to learn programming after I finished this degree. Now I am a passionate self taught developer and I want to always keep contributing to society and real world projects.

Jan.2018 - Present
Udemy
Web and Software Development

Completed Courses:
➢ The Web Developer Bootcamp
➢ CSS - The Complete Guide 2020 (incl. Flexbox, Grid & Sass) Certificate
➢ The Modern JavaScript Bootcamp Course Certificate
➢ Dart & Flutter - The Complete Guide
➢ MongoDB - The Complete Developers Guide
➢ Object-Oriented programming in JavaScript
➢ Design Rules: Principles and Practices for Great Design
➢ SVG Fundamental
➢ Interactive Web Animation 2021 [JavaScript, SVG, CSS, HTML]

Skills

- UX/UI Design Principles
- HTML
- CSS
- SCSS
- Javascript
- Typescript
- Vue
- Nuxt
- Angular
- Java and Android – Activities, fragments, navigation component, view binding, http requests, recyclerview.
- Git and GitHub
- Node.js and Express.js
- Figma

Hobbies

- Gaming
- Outdoor adventure activities like mountain biking, hiking, camping
- Singing, drumming and playing guitar
- Simulation racing

References

- Mike Murray: 083 678 7049 (Raging River Trading)
- Herco Bezuidenhout: 064 652 3881 (Thinwood.co)
- Jurie Vermeulen: 072 316 9562 (Feba Radio)
- Mario E Moural Garcez Palha: +27 82 950 7988 (Manfex)