Le Roux Vermeulen

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Location: Johannesburg Gauteng South Africa

GitHub: https://github.com/l3r0ux

LinkedIn: https://www.linkedin.com/in/le-roux-vermeulen-bb18161a5/

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 2018. 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 learnt this because I wanted to, and had the drive to continue learning.

WORK EXPERIENCE

Raging River Trading | Pretoria Gauteng South Africa

Junior Front End Developer

November 2021 – present

My main role at Raging River is to assist with development the front end 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 have to ensure that the code I write is easily extendable. I also have to communicate with the people on the business side of the project to ensure that requirements are met.

Thinwood.co | Pretoria Gauteng South Africa

Software Developer

Jul 2021 - November 2021

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 did everything I can to ensure that I contribute positively to the company. 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.

Freelancer | Pretoria Gauteng South Africa

Software and web developer

Jun.2020 - Present

I have been casually freelancing on and off since I felt confident enough to do so. I have completed 3 official freelancing projects since mid 2020 together with a couple of my own personal apps (see portfolio)

Project: Feba Radio Flutter app

Timeline: June 2020 - July 2020, about 2 and a half weeks in total to complete

Description and my responsibilities:

I made a mobile application with Flutter and Dart 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: Nomad Cafe

Timeline: November 2020 - January 2021, stopped working on it for a while in between due to December vacation.

Description and my responsibilities:

This is a fully responsive full stack web application that I made for a mobile coffee business using Node.js with express, and MongoDB with mongoose on the backend. Please note that none of the images are final yet. The owner can log into an admin panel, where they can add their menu, events where they are going to be, gallery images and their exact location for when they are at an event. I wrote everything from scratch with vanilla html, CSS and JavaScript on the front end for practice, and I also made all of the background images for the site with Photoshop. The API I wrote with Node.js is RESTful and has full CRUD functionality. I also followed the MVC architecture for the routes. This web app was designed from a mobile first perspective and is fully responsive. For a full technical description please visit my GitHub page.

Link: https://nomadcafe.herokuapp.com/

Project: Manfex

Timeline: September 2020 - September 2020, took me 3 days

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.

EDUCATION

University of Pretoria | Pretoria Gauteng South Africa

Psychology and Sports Psychology, Bachelor of Arts

Jan.2015 - Dec.2017

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.

Udemy

Web and Software Development

Jan.2018 - Present

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

- Bootstrap
- SVG
- CSS - Flexbox, Grid, Animations, Responsive design
- Vue - Components, Data binding, Routing, Computed properties, Directives etc.
- Vuetify
- Angular Material
- Nuxt
- VS Code
- Angular - Components, Data binding, Directives, Services, Routing – Lazy loading, HTTP Requests, Modules, Observables, Forms – Template driven and Reactive, Authentication and Route protection, basic PWA and service workers.
- JavaScript - DOM Manipulation, Asynchronous JS, Partial page reloading, HTTP Requests, OOP, API'S, JSON, Animations.
- Java and Android – Activities, fragments, navigation component, view binding, http requests, recyclerview.
- TypeScript basics – Types, Generics, Interfaces etc.
- Dart and Flutter
- Git and GitHub
- Node.js - Express.js, CRUD, MVC, RESTful API, Sessions and Cookies, EJS
- MongoDB - Schemas, relations, authentication, CRUD
- Server side validation and sanitization
- Basic SQL
- Basic Figma
- Basic Photoshop
- Basic website and app deploying and hosting

Hobbies

- Gaming
- Mountain biking, hiking, camping and outdoor adventure activites
- 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)

Donovan Ferreira: 065 994 9645 (Beanjuice)

Deon du Toit: 084 533 6378 (Nomad Café)

Mario E Moural Garcez Palha: +27 82 950 7988 (Manfex)

University of Pretoria

The Council and Senate hereby declare that
at a congregation of the University the degree

Bachelor of Arts

with all the associated rights and privileges was conferred on

Le Roux Vermeulen

in terms of the Higher Education Act, 1997 and the
Statute of the University

On behalf of the Council and Senate

signature

Vice-Chancellor and Principal

signature

Registrar

00056227

Certificate of Completion

This is to certify that **Le Roux** successfully completed 23 total hours of **CSS - The Complete Guide 2020 (incl. Flexbox, Grid & Sass)** online course on May 15, 2020

Academind by Maximilian Schwarzmüller

Academind by Maximilian Schwarzmüller, Instructor

Maximilian Schwarzmüller

Maximilian Schwarzmüller, Instructor

Manuel Lorenz

Manuel Lorenz, Instructor

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#BeAble

Certificate of Completion

This is to certify that **Le Roux** successfully completed 52 total hours of **The Modern Javascript Bootcamp Course (2020)** online course on Aug. 30, 2020

Colt Steele
Colt Steele, Instructor

Stephen Grider
Stephen Grider, Instructor

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#BeAble

Certificate of Completion

This is to certify that **Le Roux** successfully completed 41 total hours of **Flutter & Dart - The Complete Guide [2020 Edition]** online course on July 30, 2020

Academind by Maximilian Schwarzmüller

Academind by Maximilian Schwarzmüller, Instructor

Maximilian Schwarzmüller

Maximilian Schwarzmüller, Instructor

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#BeAble

Certificate of Completion

This is to certify that **Le Roux** successfully completed 17.5 total hours of **MongoDB - The Complete Developer's Guide 2020** online course on Oct. 15, 2020

Academind by Maximilian Schwarzmüller
Academind by Maximilian Schwarzmüller, Instructor

Maximilian Schwarzmüller
Maximilian Schwarzmüller, Instructor

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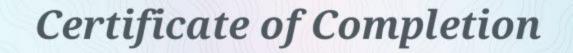**U Udemy**

#BeAble

Certificate of Completion

This is to certify that **Le Roux** successfully completed 4 total hours of **Object-oriented Programming in JavaScript** online course on May 5, 2021

Mosh Hamedani

Mosh Hamedani, Instructor

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Certificate of Completion

*This is to certify that **Le Roux** successfully completed 3 total hours of **SVG Fundamental** online course on April 28, 2021*

Alexandr Tyurin

Alexandr Tyurin, Instructor

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Certificate of Completion

This is to certify that **Le Roux** successfully completed 5 total hours of **DESIGN RULES: Principles + Practices for Great UI Design** online course on May 4, 2021

Joe Natoli

Joe Natoli, Instructor

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Certificate of Completion

This is to certify that **Le Roux** successfully completed 3 total hours of **Interactive Web Animation 2021 [JavaScript SVG CSS & HTML]** online course on May 4, 2021

Alexandr Tyurin

Alexandr Tyurin, Instructor

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Udemy

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Certificate of Completion

This is to certify that **Le Roux** successfully completed 47 total hours of **The Web Developer Bootcamp** online course on April 23, 2020

Colt Steele

Colt Steele, Instructor

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Udemy

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