Western Cape, South Africa
Portfolio
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Arné van der Merwe

I am a full-stack web developer especially interested in building magical experiences, scaling systems up, and shipping reliable applications. I want to pursue a career in a dynamic, vibrant, and challenging environment where I can utilize and expand my skills. To learn and study is one of my main objectives in order for me to further my career, working hard and being a team player. I strongly believe knowledge is power! I am also willing to help out where the need is and am willing to work overtime.

Excelsior!

Work Experience

Freelance Web Developer   **Oct 2021–Present**

Western Cape, South Africa

- Built several personal projects from the ground up with a user-centered development process, starting with concept and UI/UX design work, creating clean UI's and easy-to-use functionality.
- Wrote the front-end code (React, HTML5, CSS3) with a focus on responsive web design that meets all the criteria of Progressive Web Apps, is performance-optimized - especially for mobile using CSS media queries and using semantic HTML5 tags for accessibility.
- Wrote the back-end code (Node.js) including user authentication and input validation/sterilization, creating a PostreSQL database.
- Deployed projects using a combination of Github Pages and Heroku(backend, frontend)
- The focus of these personal projects has been on software that shakes up industries. Technologies that gets the job done as quickly as possible
- <u>Utilised Back-End:</u> Node.js, Express, PostgreSQL, bcrypt, Heroku
- <u>Utilised Front-End:</u> ES6, React, CSS3, HTML5

IT Administrator   **Promac Paints**   **2018–2021**

Gauteng, South Africa

- Multi-certified systems administrator with strong experience managing server infrastructures and data-center operations across Windows platforms. Effectively plan, install, configure and optimize IT infrastructures to achieve high availability and performance.
- Proven ability to create and deliver solutions tied to business growth, organizational development and systems/network optimization. Skilled problem identifier and troubleshooter comfortable managing systems, projects and teams in a range of IT environments.

IT Assistant   **Promac Paints**   **2018–2019**

Gauteng, South Africa

- Hired as a full-time systems administrator following initial consulting role to manage and maintain a 10+ server environment (Windows), ensuring 99.9% or better uptime. Evaluate, monitor and enhance IT infrastructure with an emphasis on availability, reliability, scalability, security, data confidentiality and system integrity.

Data Technician	**Vodacom**	**2015-2018**

Gauteng, South Africa

- Consulted with client companies to provide Web-based and network solutions along with strategic planning and project leadership over systems migration, configuration, administration, upgrades and troubleshooting initiatives.

Education

- **Zero to Mastery Academy**, E-Learning/eLearning   **2021–2022**
- **Matric**, Garsfontein High, Gauteng, South Africa   **2008–2012**

Technologies and Languages

- Languages: HTML5, CSS3, Javascript(including ES6/ES7/ES8/ES9/ES10/ES2020/ES2021), SQL
- Technologies: SemanticUI, Postgres, Bootstrap, Git , React, Node.js, Express.js, Command-Line, Heroku, Netlify
- Other: Responsive Design, DOM Manipulation, Asynchronous JavaScript, RESTful API Design, Authentication, Scalable Infrastructure, Authorization, Security, Production, and Deployment

Projects

- **FaceRecon -** Full app with react as a frontend, image recognition API using Clarifai. Node.js and Express.js as a backend and then PostgreSQL as a database. It has a sign-in, register and sign-out. It's fully responsive. It has animations such as tsParticles and react-parallax-tilt. Installed npm packages such as bcrypt, clarifai, cors, knex. You enter a URL to an image into the bar and press detect, the app will detect the face in the image and put a blue box around the area.
- **Robofriends** - React app utilising Javascript. Installed npm packages such as tachyons and gh-pages. It's fully responsive and fast. Uses a web service called Robohash to assign a different robot to each contact card. Fun app where it searches through your robot friends and find their contact information.
- **Background Generator** - Fun project using Javascript, HTML and CSS.A cool way to generate a background to use in your websites that you build. You can use the two-color selectors to mix and match any color you think would look awesome! It will then display live what you have selected as an example.

Certifications and Courses

- **The Complete Web Developer**, Udemy
- **Introduction to IT and Cybersecurity**, Cybrary
- **Fundamentals of digital marketing**, Google Digital Garage
- **Windows Server 2012 R2 Access and Information Protection**, Microsoft Virtual Academy

Interests

- I love music, youtube and video games
- I like animals a lot, my girlfriends' dog especially
- Also anything Sci-Fi

Thank you for reviewing my CV