

# MICHELLE GOBA

## Junior Web Developer

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## CAREER OBJECTIVE

Results-driven professional with a diverse skill set encompassing web development, Geographic Information Systems (GIS), and environmental health and safety. Adept at leveraging technical expertise to create innovative solutions for complex challenges. Proven ability to bridge the gap between technology and environmental science, contributing to data-driven decision-making processes.

## WORK EXPERIENCE

### Younglings Africa

#### Junior Web Developer

- **Front-End Technologies:** Developing dynamic and interactive front-end components using HTML5, CSS, and JavaScript. Expertise in utilizing modern front-end frameworks such as React.
- **User Interface (UI) Design:** Collaborate with UX designers to translate wireframes and mockups into interactive and visually appealing user interfaces.
- **Responsive Design:** Ensure optimal user experience across various devices by implementing responsive and mobile-first design principles.
- **Version Control:** Utilize Git and GitHub for version control, enabling efficient collaboration with team members and tracking code changes.

### Environmental Health and Safety Officer

#### Steam House Engineering

- Supported the implementation of safety programs, including risk assessments and safety inspections.
- Assisted in the development of safety training materials and participated in training sessions.
- Conducted incident investigations and contributed to the development of corrective action plans

## EDUCATION

BSc Honors: Geographic Information Systems

[University of Houston](#)

2019 - 2020

Cape Town

BTech: Environmental Management

[Cape Peninsula University of Technology](#)

2016 - 2016

Cape Town

ND: Environmental Management

[Cape Peninsula University of Technology](#)

2012 - 2015

Cape Town

## SKILLS

### Web Development:

Front-End: HTML5, CSS3, JavaScript (ES6+), React

Back-End: Node.js, Express.js

Database: MongoDB

### Geographic Information Systems (GIS):

Software: ArcGIS, QGIS

Spatial Analysis: Spatial statistics, geoprocessing

### Environmental Health and Safety:

Compliance Management

Risk Assessment

Safety Training and Education

**Levi Strauss South Africa | February 2020 – January 2021**

- Supported the implementation and maintenance of the Safety, Health, and Environmental (SHE) Management System and ensured COVID-19 compliance.
- Conducted daily walkthrough inspections, identifying and reporting nonconformances to management.

**Environmental Management Tutor**

**Cape Peninsula University of Technology (CPUT) |  
February 2018 – December 2018**

- Assisted thirty-five students with Environmental Impact Assessment assignments.

**Environmental Management Trainee**

**City of Cape Town | July 2015 – December 2015**

- Supported Environmental Education school programs and capacity building at four schools and communities.
- Presented to schools and communities about SMART Living.
- Responsible for meeting setup, assisted in writing minutes, and updated the floor's Environmental discovery and learning board.

## **PROJECTS**

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**Realtime Chat App**

**Description:** Currently developing a dynamic and interactive real-time chat application, showcasing proficiency in full-stack web development. The application enables users to engage in instant messaging, supporting one-on-one and group conversations in a responsive and user-friendly environment.

## **Portfolio Website**

**Description:** Developed a personal portfolio website to showcase skills, projects, and achievements using React and custom CSS.

## **Mzamomtsha Primary School Website**

**Description:** Developed a primary school website to showcase important details and the footprint of the school.

## **Remote Sensing project**

**Description:** Conducted a project to develop a Municipal Land Cover-Use Classification Scheme for land and infrastructure management in the Cape Town municipal region. This was done using both supervised and unsupervised classification techniques.

## **GIS project**

Description: Executed GIS projects based on the instructions given by the lecture. The projects included, but not limited to: Collecting and analyzing data, Continuous surface modeling, and change analysis, regression analysis, spatial statistics using ArcGIS, Visibility analysis for a proposed construction of a new building.