Shymala Sidharth

FULL STACK SOFTWARE DEVELOPER

Auckland, New Zealand

LINKS

GitHub

LinkedIn

SKILLS

Git

SQL

React

Docker

Node.js

HTML & CSS

React Three Fiber

Agile Methodologies

TypeScript/JavaScript

LANGUAGES

English

Hindi

ABOUT ME

Data Specialist turned Software Developer. Passionate about building projects from the ground up, learning new tech stacks and collaborating with the team. I value diversity and inclusion and thrive in a learning-focused team environment.

PROJECTS

EXO EXO

3D Exo-Planet visualisation application.

React Three Fiber   Three.js   Docker   Railway

GitHub   Deployment

EXPERIENCE

Freelance Software Developer, Auckland

January 2023 — Present

Built dynamic web applications to suit client requirements and focused on using the right tool for the job.

Ensured client satisfaction through open communication and planning.

Tech used:

- Typescript
- React.js
- Auth0
- Node.js
- Railway for deployment

Full-Stack Software Developer at Dev Academy Aotearoa, Auckland

August 2022 — December 2022

Comprehensive hands-on coding program to learn technical concepts in a collaborative learning environment. Worked on full-stack projects in an agile framework.

- Used **three.js** and **React three fiber** to create a front-end app to visualise exoplanets in **3D** as the final project. Learned this new tech in a short period. Was not originally taught in the course. Implemented **agile methodologies** to manage this complex project. I took the lead as front-end and product owner.

- Built back-end apps using **Knex.js** and **Node.js**. Tested routes and database functions using **thunder client**.

- Worked on a full-stack project to build a **react** shopping cart while mocking **API** using **Promise.resolve.**

- Styled front-end components using **Tailwind CSS**, **Bootstrap** and **CSS**.

- Learned the ability to pick up new tech in a short period.

Data Analyst at Watercare Services Limited, Auckland

December 2021 — August 2022

Managed complex Air and Water Quality databases for regional councils and private industries.

- Exceeded expectations by prioritising backlogged work and meeting tight deadlines.
- Used Data Analytic tools (R Scripts, Envita, Excel) to visualise data as per client's needs.
- Improved in-house data management procedures and Mentored junior staff.

Environmental Specialist at Auckland Council (Research & Evaluation Unit), Auckland

January 2021 — December 2021

Water quality specialist across several programs. Implemented high-level changes to improve data accuracy.

- Improved in-house technical methodologies.
- Presented technical findings to non-technical audiences.
- Learned the importance of Maori governance through stakeholder engagement.

Compliance Monitoring Specialist at Auckland Council, Auckland

July 2019 — January 2021

Ensured environmental compliance (Resource Management Act and Auckland Unitary Plan) across various projects across Auckland.

- Managed complex urban development projects within Auckland.
- Negotiated positive outcomes through effective communication and conflict de-escalation.
- Collaborated with stakeholders to ensure compliance.

Data Intern at Watercare Services Limited, Auckland

November 2018 — July 2019

Worked as a data technician as part of Watercare's water and air quality team.

- Managed continuous water quality and ambient air quality data.

Environmental Technician Intern at Air Matter Limited, Auckland

July 2018 — September 2018

Worked as an environmental technician at one of New Zealand's leading environmental and occupational health consulting firms.

- Assisted senior staff in data collection and report writing.

EDUCATION

Master of Science at University of Auckland

February 2017 — March 2018

Research project to study the effects of air pollutants on urban commuters.

- Project design and implementation.
- Data collection, analysis, and visualisation of critical findings.

REFERENCES

References available upon request