

**PROFILE SUMMARY**

A professional, responsible, optimistic, and adaptable person who is an enthusiastic learner and committed to performing to a high standard. Driven by ambitious goals and dreams, I always strive for a demanding role that push me out of my comfort zone. My strength lies in effective communication, positive mindset, and adaptable approach. This provides me with positive energy to work in a multi-cultural and demanding environment.

**CORE COMPETENCIES**

Water resources | Climate change  
Python programming language | Data science  
Geographic information systems | Technical aptitude

**PORTFOLIO**

Interested in discovering more details about me, visit my website [here](#)

**PROFESSIONALISM**

- Solid work ethic, honest, reliable, and committed to best possible performance – give 100%
- Comfortable working independently
- Resilient, confident in dealing with challenges, work well under pressure, and able to resolve issues well
- Multitasking and detail-oriented
- Analytical and critical thinker with strong problem solving abilities
- Time management, planning, prioritisation, and delegation skills
- Excellent literacy and numeracy skills

**RELATIONSHIP MANAGEMENT**

- Collaborator, work within a team to ensure objectives are met and readily assist when needed
- Work well with people from diverse backgrounds
- Compassionate and empathetic
- Active listener
- Provide and receive constructive feedback

**REFEREES**

**Susan Rendall**  
Volunteer Manager at Christchurch Transitional Cathedral

**PROFESSIONAL EXPERIENCE**

**ONLINE DATA ANALYST | TELUS INTERNATIONAL INC, NEW ZEALAND**

*Aug 2024 – present*

**Responsibilities**

- Analyzing guidelines and rating data accuracy per guidelines
- Conducting search on search engines to verify and validate data
- Providing feedback and comments on new insight from data search/analysis

**HYDROLOGICAL MODELING SPECIALIST | UNICTI**

*Dec 2021 – Dec 2022 (Remote/Full-time)*

**Responsibilities:**

- Climate modeling (RCM and GCM): application and methodologies
- Hydrological modeling: application and methodologies
- GIS mapping: application and methodologies
- Application of present and future climate variables and indices required to perform hydrological modeling and GIS mapping
- Data collection and processing: open source data from models, satellites, remote sensing and other sources, collected and generated data
- Climate and natural disaster risk and vulnerability: mapping and analysis

**HYDRAULIC ENGINEER | TABISH OMID CONSTRUCTION COMPANY (TOCC)**

*Feb 2018 – Sep 2019*

**Responsibilities:**

- Surveyed water supply and drainage networks
- Conducted hydraulic design of water supply pipelines drainage network
- Developed work plans and scheduled project activities
- Prepared project reports

**COMMUNITY AND VOLUNTEER EXPERIENCE**

**PROGRAMMING INSTRUCTOR | ST MARGARET COLLEGE**

*Jan 2024 – present*

**Responsibilities:**

- Instructing python programming language to students
- Preparing lesson plans and presentations
- Assisting students with software installation and other technical matters

**TAG SPOTTER | CHRISTCHURCH CITY COUNCIL**

*Oct 2023 – present*

**Responsibilities:**

- Reporting graffiti and vandalism incidents throughout the city
- Attending regular training for volunteers

**MEET YOUNG PROFESSIONAL | UNITED NATIONS OFFICE FOR OUTER SPACE AFFAIRS**

*Apr 2023 – Present (Remote/Part-time)*

**Responsibilities:**

- Providing technical guidance on processing of hydro-meteorological datasets from satellite and remote sensing sources
- Sharing expertise on hydrological modeling and machine learning techniques for monitoring extreme events
- Providing technical guidance on bias correction and downscaling of rainfall and temperature from climate models

**CAMPER | INTERNATIONAL WATER ASSOCIATION**

03 353 7883  
volunteers@christchurchcathedral.co.nz

**Sarah Zyskowski**  
Red Cross Support Worker  
027 257 2494  
sarah.zyskowski@redcross.org.nz

**Ankita Sood**  
Urban planning and disaster risk reduction  
specialist at UNICITI  
+91 97817 72838  
asood@ar.iitr.ac.in

*Feb – Jul 2021 (Remote/Part-time)*

- Participated in Danish conferences and IWA digital congress 2021
- Completed courses under several themes: drinking water, wastewater treatment and climate change adaptation
- Achieved Completion Certificate and IWA Digital World Water Congress Certificate

## EDUCATION

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### **NZ Certificate in Plumbing, Gasfitting and Drainlaying (Level 3)**

- Department of Trade, Ara Institute of Canterbury | July 2024 – Present  
Training in site safe, first aid, tools

### **Master of Science in Water Resources Engineering and Management**

- University of Moratuwa, Sri Lanka | NZQA Recognised Oct 2023

### **AI Programming with Python (Nanodegree)**

- School of Artificial Intelligence, UDACITY | 2023

### **Bachelor of Science in Civil Engineering**

- Department of Civil Engineering, Kabul University | 2014 – 2018

## AWARDS

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Amazon Web Services AI and ML Scholarship | Jul 2023

- Competed with other students in AWS deep racer platform and was awarded scholarship that funded tuition fee for Nanodegree at UDACITY - AI Programming with Python

World Water Camp Scholarship | Feb 2021

- Scholarship awarded by IWA that funded registration expenses for the camp's course and IWA digital world water congress 2021

South Asia Foundation Scholarship | Nov 2019

- Fully funded scholarship to pursue M.Sc. in Water Resources Engineering and Management at UNESCO Madanjeet Singh Center for South Asia Water Management, University of Moratuwa, Sri Lanka