

# RM4 – Volunteer Portal

Volunteer Management System

**Industry Partner:** Cian Byrne

**Location of Partner:** Online/Remote

**URL for Partner:** NA

**Contact Person:**

Name: Cian Byrne

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Phone:

**General field/discipline:** DevOps, Web Development, Cyber Security

**Specific requirements/skills:**

Interest in web development and big data processing. Skills in Web Development (Full-Stack) using the latest industry standard tools such as MEAN stack (MongoDB, Express, Angular, NodeJS) or similar. Need Python3 understanding.

Python, Web Development, APIs

**Project Outline:**

This project involves building a web portal for managing volunteers for an organisation based in Sydney. This organisation has more than 1,000 volunteers and needs to track each person.

The functions of the portal include volunteer registration/application, building paperwork (PDFs) from inputted information to remove duplicate information, training facilitation and tracking, notifications and reminders, mobile friendly data input for field work, and more.

Further requirements will be shared by the client if/when students select the project.

If you are interested in being prepared for industry jobs the best place to learn the methods is to get involved and start experimenting with the technologies by seeking out where the most community support and development is happening.

All delivered solutions will be tested against the existing process.

Students will work directly with the industry partner and be able to gain valuable industry knowledge. Clients have more than 10 years of Capstone Project experience working with Sydney University.

**Teams:** 2+

**Reference Material/Links**