

# Aditiya Saini

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## WORK OBJECTIVE

Seeking a challenging Software Developer role where I can leverage my strong foundation in programming, problem-solving skills, and passion for technology to develop innovative software solutions and contribute to the growth and success of the organization.

## EDUCATION

**Royal Melbourne Institute of Technology (RMIT) University**

**Mar 2021 – Dec 2023**

Master of Information Technology | **CGPA: 2.8/4**

**UPES, Dehradun**

**Jul 2015 - Dec 2019**

Bachelor of Electronics Engineering | **CGPA: 7.07/10**

## INDUSTRY PROJECT

**Early Build (Melbourne, Australia)**

**Software Developer**

**Feb 2023 – June 2023**

- Engineered a cutting-edge backend system to streamline the acquisition, preparation, and processing of geospatial and demographic data for real estate developers.
- Developed interactive visualizations for efficient data exploration and analysis in real estate site evaluation.
- Enhanced website performance for fast loading and seamless user experience across devices.
- Containerized microservices using Docker, managing runtime on Google Cloud Run for efficient deployment and scalability.
- Used Dart programming, maintained high code quality and collaboration using Git for version control.
- Aligned project with business goals, ensuring timely delivery through stakeholder partnership.
- Authored comprehensive documentation, enhancing project clarity and success.

## INTERNSHIP

**Junior Cased Hole Specialist Intern**

**May 2018 – June 2018**

**HLS Asia Private Limited**

- Provided technical support by assisting with daily electronic operations and maintaining equipment.
- Demonstrated strong attention to detail and problem-solving skills during equipment examination and maintenance.
- Developed organizational and communication skills through managing fellow interns' daily activities.

## SKILLS

**Front-End:** Proficient in HTML, CSS, JavaScript (React, Bootstrap) | UX/UI Design Principles, Responsive Design | Git, GitHub | JIRA, Agile Methodologies | Advanced Unit Testing | System Design | React.

**Technical:** Python, Java, SQL, Dart | Databases (MySQL) | Cloud Services (AWS, GCP) | VS Code | Code Maintainability | Up-to-date Knowledge | Red-Team Testing.

**Soft Skills:** Team Player (Collaborative and effective communication skills) | Problem Solving | Analytical Thinking.

## **CERTIFICATIONS**

- |   |                      |
|---|----------------------|
| • Agile Methodology Job Simulation: Cognizant           | <b>November 2023</b> |
| • Introduction to Front-End Development: Coursera(Meta) | <b>January 2024</b>  |
| • Programming with JavaScript: Coursera(Meta)           | <b>February 2024</b> |
| • HTML and CSS in depth: Coursera(Meta)                 | <b>April 2024</b>    |
| • Version Control                                       | <b>April 2024</b>    |

## **VOLUNTEER EXPERIENCE**

**RMIT University - Kirrip Steward** **Mar 2022 – Jul 2022**

- Managed event logistics and coordinated volunteers for campus welcome days.
- Created engaging and informative content for the Kirrip Instagram account, fostering community engagement.

**Force of Nature - Research Volunteer** **Aug 2021 – May 2022**

- Collaborated with interdisciplinary teams on environmental research initiatives, focusing on sustainability and conservation efforts.
- Conducted fieldwork, analyzed data, and communicated research findings to stakeholders, contributing to ecosystem preservation and policy development.

## **RESEARCH PAPER**

**Cloud-Based Pool Water Monitoring System Using Internet of Things** **January 2018**

<https://computerjournals.stmjournals.in/index.php/JoCES/article/view/33>

## **ACADEMIC PROJECTS**

**IoT Based Night Vision Security Patrolling Robot** **June 2018 – Apr 2019**

- Engineered a web-based application for a night vision security patrolling robot that utilized real-time image processing and remote-control capabilities to enhance security measures.
- Equipped the robot with day and night patrolling capabilities, integrating sound sensors and an IR camera to provide real-time images to users and enable web-based control.

**Patient Monitoring Application to Perceive Emergency Situations** **Jul 2018 – Jan 2019**

- Designed and implemented the user interface for a mobile health application, which involved developing the mobile application and integrating health data collection from sensors.
- This cost-effective system aimed to enhance remote healthcare access by enabling seamless communication between patients and healthcare professionals in remote locations.

I hereby declare that the above information is correct and to the best of my knowledge.

**Place:** Melbourne, Australia.