

Dhairya Kandhari

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EDUCATION

The University of Adelaide – Bachelor of Computer Science	Feb 2023 - Nov 2025
<ul style="list-style-type: none">➤ Relevant Coursework: Object Oriented Programming, Algorithm Design and Data Structures, Web and Database Computing, Business Valuations, Corporate Finance, Options and Futures, Entrepreneurship.➤ GPA: 6.2/7.0; Chancellor's Award: AUD 48,000	
The Millennium School Amritsar – (Year 11 and 12)	2021-2022
<ul style="list-style-type: none">➤ 100% scholarship➤ National Mathematics Tournament (2021), Head Boy (2022); Activities: Badminton (State-level), Debating, Cricket, Drama	

WORK EXPERIENCE

National College Australia, Adelaide	Nov 2024 - Jan 2025
Software Engineer Intern <ul style="list-style-type: none">➤ Implemented custom JavaScript components for Moodle's user interface that simplified course navigation, resulting in 15% fewer support tickets and better student engagement metrics.➤ Engineered a secure OAuth 2.0 authentication system connecting Moodle with the college's identity management platform, enabling single sign-on functionality that reduced login time.➤ Assisted in creating an automated grading system using Python and Moodle APIs that reduced instructor marking time for multiple-choice assessments.	
Creart Digital Media, Adelaide	Mar 2024 - May 2024
Software Engineer Intern <ul style="list-style-type: none">➤ Contributed to the development and optimization of MirrorXR AI for its Adelaide Fringe showcase, improving dynamic voice interactions using Python and Google Cloud Text-to-Speech API to enhance accessibility and XR immersion.➤ Designed and optimized the landing page using Webflow, implementing advanced animations and interactive elements that reduced load times by 10% and increased session duration.	
Auz Training, Adelaide	July 2023 - Dec 2023
Software Engineer Intern <ul style="list-style-type: none">➤ Optimized database queries using version control (Git) for systematic tracking and streamlined deployment workflows.➤ Contributed to the development of automation scripts, reducing manual administrative workload for IT operations by 12% and improving overall efficiency.	

LEADERSHIP AND PROJECTS

Cause Connect	Jul 2024 - Nov 2024
<ul style="list-style-type: none">➤ Developed a full-stack web platform using Node.js, Express.js, MySQL, and EJS to connect volunteers with social causes, featuring dynamic content rendering and user role management.➤ Integrated Google OAuth for secure authentication and implemented bcrypt for password hashing, ensuring user data protection and streamlined login experiences.	
AI Student Query Assistant	Jul 2024 - Nov 2024
<ul style="list-style-type: none">➤ Built an AI-powered Student Query Assistant using Python, Tkinter, and the OpenAI API to answer course-related questions via a user-friendly GUI.➤ Implemented PDF parsing with PyPDF2 to convert lecture materials into searchable knowledge, enabling context-aware, accurate responses.	
University of Adelaide - PASS Leader (Peer Assisted Study Sessions)	Feb 2024 - June 2024
<ul style="list-style-type: none">➤ Headed weekly study sessions for STATS 1000, facilitating collaborative problem-solving and reinforcing key statistical concepts to improve students' understanding.	
Auto Pilot Purchase	Aug 2023 - Nov 2023
<ul style="list-style-type: none">➤ Developed a C++ CLI application to streamline the car buying process with secure login, car listings, and transaction management.➤ Utilized Object-Oriented Programming and file handling to build a lightweight, modular system with fast, user-friendly performance.	

LANGUAGES / TECHNOLOGIES

- C, C++, Python, JavaScript, HTML, CSS, R, Docker, Node.js, SQL, Git.

COMMUNITY INVOLVEMENT

➤ SET Ambassador Faculty of Sciences, Engineering and Technology	Jul 2024 - Nov 2024
➤ Social Media Lead, Adelaide University Computer Science Society	Mar 2024 - June 2024
➤ Head of Sponsorships, Adelaide University Asset Management Society	Sept 2023 - May 2024
➤ Secretary, Adelaide University Entrepreneur Club	Mar 2023 - July 2023

REFERENCES

Shambhu Khadka – CEO (National College Australia)
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Manish Gupta - Course Coordinator (Adelaide University)
manish.gupta@adelaide.edu.au