

# Dhairya Kandhari

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## EDUCATION

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

## WORK EXPERIENCE

<b>National College Australia, Adelaide</b>	<b>Nov 2024 – Jan 2025</b>
<b>Software Engineer Intern</b> <ul style="list-style-type: none"><li>➤ Implemented custom JavaScript components for Moodle's user interface that simplified course navigation, resulting in 15% fewer support tickets and better student engagement metrics.</li><li>➤ 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.</li><li>➤ Assisted in creating an automated grading system using Python and Moodle APIs that reduced instructor marking time for multiple-choice assessments.</li></ul>	
<b>Creart Digital Media, Adelaide</b>	<b>Mar 2024 – May 2024</b>
<b>Software Engineer Intern</b> <ul style="list-style-type: none"><li>➤ 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.</li><li>➤ Designed and optimized the landing page using Webflow, implementing advanced animations and interactive elements that reduced load times by 10% and increased session duration.</li></ul>	
<b>Auz Training, Adelaide</b>	<b>July 2023 – Dec 2023</b>
<b>Software Engineer Intern</b> <ul style="list-style-type: none"><li>➤ Optimized database queries using version control (Git) for systematic tracking and streamlined deployment workflows.</li><li>➤ Contributed to the development of automation scripts, reducing manual administrative workload for IT operations by 12% and improving overall efficiency.</li></ul>	

## LEADERSHIP AND PROJECTS

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

## 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)  
[shambhu@nca.edu.au](mailto:shambhu@nca.edu.au), +61 450 542 933

Manish Gupta - Course Coordinator (Adelaide University)  
[manish.gupta@adelaide.edu.au](mailto:manish.gupta@adelaide.edu.au)