

Dhairya Kandhari

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[Personal Portfolio](#) | [LinkedIn](#) | [Github](#)

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: 6.125/7.0; 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

Teamgag	June 2025 – Present
Software Developer Intern	
<ul style="list-style-type: none">➤ Implemented C#.NET Core Web API endpoints in Azure App Service, leveraging Entity Framework Core for data access and CRUD operations to support real-time feedback features.➤ Optimized complex SQL queries, stored procedures, and database schemas in Azure SQL Database, boosting data retrieval performance and maintaining referential integrity for survey results.➤ Collaborated with frontend developers and QA engineers to diagnose and resolve .NET API and database issues, decreasing bug turnaround time and ensuring smooth feature rollouts during the initial weeks of the internship.	
H2 Ventures	Apr 2025 – May 2025
Venture Capital Intern	
<ul style="list-style-type: none">➤ Developed a Flask-based dashboard to visualize key metrics (user growth, revenue projections) for rapid startup comparisons.➤ Automated extraction and cleansing of startup financial data with Python scripts, cutting manual prep time by 40%.➤ Applied VC fundamentals like valuation methods, term sheet analysis, growth strategies to real deal reviews from hands-on training modules	
National College Australia, Adelaide	Nov 2024 – Jan 2025
Software Engineer Intern	
<ul style="list-style-type: none">➤ Improved Moodle's user experience by implementing custom JavaScript UI components that simplified course navigation, leading to a 15% drop in support tickets and increased student engagement.➤ Led the development of a secure OAuth 2.0 authentication system and an automated grading tool using Python and Moodle APIs, enhancing system resilience and significantly reducing instructor workload for multiple-choice assessments.	

LEADERSHIP AND PROJECTS

Finance Tracker	Mar 2025 – May 2025
<ul style="list-style-type: none">➤ Engineered a JWT-secured Node.js/Express/MySQL API with role-based access controls, plus a React/Axios/Recharts frontend featuring paginated transaction views and custom budget-vs-actual dashboards.➤ Developed Python Flask AI microservice using Prophet for 30-day spending forecasts, Scikit-learn models for category predictions, and Pandas pipelines for anomaly detection and smart recommendations.	
Cause Connect	Sept 2024 – Nov 2024
<ul style="list-style-type: none">➤ Built Cause Connect, an online platform that connects volunteers with nonprofit causes, using Node.js/Express/EJS with Passport.js (Local & Google OAuth)–powered authentication, session management, input validation, email notifications, and environment-based configuration.➤ Developed and optimized a MySQL backend (mysql2) with normalized schemas and efficient queries, maintaining code quality via Nodemon, ESLint, and HTMLValidate.	
AI Student Query Assistant	Jul 2024 – Aug 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 Interface. 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 – Jun 2024
<ul style="list-style-type: none">➤ Facilitated collaborative learning environments to enhance problem-solving and critical thinking skills among first-year university students, fostering inclusive and productive group discussions.	

LANGUAGES / TECHNOLOGIES

- Data & Analytics: SQL, Python (Data handling)
- Programming Languages: Python, JavaScript, C++, C#, R
- Tools: Git, Docker

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

Matthew Astachnowicz – Engineering Team Lead (Teamgag)
matthew.astachnowicz@teamgag.com

Shambhu Khadka – CEO (National College Australia)
shambhu@nca.edu.au