Deepansh Gulati

Student at Griffith University

deepansh.admn1@gmail.com
+61 426 633 151
Coopers Plains, QLD, 4108, Australia

Final-year Bachelor of Computer Science student with a strong interest in Cyber Security and IT operations. Experienced in endpoint troubleshooting, system validation, security tooling fundamentals, and maintaining clear technical documentation. Comfortable following technical procedures, working methodically with devices, and supporting Security Engineering and Operations teams in hands-on environments.

Work Experience

Salesperson Sep 2025 - Present
The Good Guys | Lutwyche

Friendly and reliable Salesperson with hands-on experience, specialising in customer assistance, product comparisons, and end-to-end sales support. Known for clear communication, problem solving, and maintaining high customer satisfaction.

Salesperson Jun 2024 - Sep 2025
Auto One | Browns Plains QLD

Worked as an auto parts Salesperson while supporting internal operations through the integration of AI tools into company computer systems, including API-based solutions and Google Gemini, to improve workflow efficiency and productivity.

Projects

Microservices Deployment Aug 2025 - Oct 2025

Designed and deployed containerised microservices using Docker and Kubernetes, with Nginx configured as a reverse proxy and MongoDB as the data store. Deployed and managed services on AWS EC2, applying secure DevOps principles, container orchestration, and cloud infrastructure practices.

Maze Solver & Crossword Generator Mar 2025 - May 2025

Implemented intelligent search solutions using Iterative Deepening Search (IDS) and A* algorithms, alongside a constraint satisfaction problem (CSP) based crossword generator in Python. Focused on algorithm efficiency, heuristic design, and problem-solving using AI techniques.

Sorting & Queue Performance Benchmarking Mar 2025 - May 2025

Developed and benchmarked multiple sorting algorithms, including QuickSort, MergeSort, HeapSort, InsertionSort, and SelectionSort, using Python. Analysed performance across different data distributions to evaluate time complexity as well as efficiency.

Active Directory Penetration Testing Lab Mar 2025 - May 2025

Conducted penetration testing within a controlled lab environment, performing Active Directory enumeration using Bloodhound, Kerberoasting attacks, and DCSync exploitation. Documented attack paths and security weaknesses to demonstrate real world AD security risks.

CRUD Web Application Development Aug 2025 - Oct 2025

Built a full-stack CRUD web application using HTML, CSS, and JavaScript for the frontend, with a Flask backend and SQL database. Implemented user input handling, database operations, and server-side logic following structured development practices.

Volunteer

IT Technician Mar 2025 - May 2025
Mount Gravatt Community Centre

Volunteered as an IT Technician assisting older community members with basic technology use including device setup, software navigation, and troubleshooting. Communicated technical concepts clearly to non-technical users while providing patient support.

Core Skills

Programming Languages: Python, C, SQL, JavaScript, Java, PHP, R
Software and Web Development: Frontend / Backend, Django, Databases, APIs, Full Stack Application Building
AI and Data Science: Machine Learning, Statistics, Data Analytics, Logic and Reasoning, Data Modelling, Algorithm Design, NumPy, pandas, Data Preperation
Cyber Security and Networking: Cyber Security, Threat Analysis, Networking, Secure Coding, Vulnerability Analysis
Computer Science Foundations: Mathematics, Debugging / Problem Solving, Data Structures, Computational Thinking, System Design
Business and Professional Skills: Business Analysis, Process Improvement, Accounting
Tools and Technologies: MS Office (Word, Excel, Power BI), SharePoint

Education

Griffith University Feb 2024 - Nov 2026
Bachelor of Computer Science
Minors: Data Science and Artificial Intelligence
Courses:
GPA: 6.25

Cavendish Road State High School Jan 2022 - Dec 2023
Year 11-12 IT, Legal Studies, Mathematics, Physics
Minors: Certificate 3 In Engineering (Technical)
GPA: 91.4

Awards

Griffith Award of Academic Excellence Oct 2024
Griffith University

Awarded in recognition of sustained academic excellence, with a GPA of 6.75 at Griffith University.

Certificates

Certificate III in Engineering Technical Dec 2023
TAFE Queensland

Certificate III in Aviation Nov 2023
BASAIR