

# Aditya Patel

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## EDUCATION

### University of Sydney

Sydney, NSW

*Bachelor of Science in Computer Science, Minor in Software Development*

*Expected graduation: 2026*

- **Relevant Coursework:** Data Structures and Algorithms, Object Oriented Programming, Models of Computation, Agile Software Development, Discrete Mathematics for Computation, Introduction to Artificial Intelligence

## PROJECTS

### Personal Website | *React, Tailwind CSS, Vite, GitHub Pages*

June 2025

- Designed and developed a modern, responsive personal portfolio website to showcase projects, skills, resume, and contact information.
- Built using React and Tailwind CSS with Vite for fast build tooling and deployed via GitHub Pages.
- Integrated interactive project modals, a smooth-scroll layout, and downloadable resume functionality.
- Emphasized performance, mobile responsiveness, and clean UI/UX following modern frontend design practices.

### Budget Tracker App | *React, Node.js, Express, PostgreSQL, Tailwind CSS, JWT, Render*

June 2025

- Developed and deployed a full stack personal finance app that allows users to track income, expenses, and monthly budgets with secure authentication and dynamic data visualization.
- Designed a responsive React frontend with Tailwind CSS, featuring collapsible budget categories, interactive pie charts, and CSV transaction import with auto-categorization.
- Built a Node.js + Express backend with PostgreSQL for persistent storage and JWT-based authentication, following RESTful principles and middleware-driven validation.
- Integrated custom tools including a compound interest calculator and budget planner modeled on ASIC's Moneysmart tool, enabling realistic long-term financial planning.
- Deployed the complete app on Render, configured CI/CD via GitHub, and served the React app through the Express server for a single production-ready endpoint.

### Cost of Living Explorer | *Python, Pandas, Matplotlib, BeautifulSoup, Jupyter*

June 2025

- Built an interactive data exploration tool that compares cost of living metrics across Australian cities by scraping real-time rental, grocery, and transportation data.
- Aggregated and cleaned data using Pandas, and applied basic statistical techniques to surface trends and affordability patterns.
- Visualized geographic and temporal cost differences using Matplotlib and Seaborn line/pie charts.
- Delivered as a well-documented Jupyter Notebook with conclusions and potential real-world applications for relocation planning.

## EXPERIENCE

### Visy

Feb. 2025 – Present

*Customer Service Representative*

*Sydney, NSW*

- Personally manage a portfolio of 50+ key clients, including major brands such as Coca-Cola and Tooheys
- Coordinate end-to-end order management: update daily orders, expedite urgent requests, and troubleshoot late or problematic orders
- Liaise cross-functionally with production, scheduling, and despatch teams to ensure order fulfillment, resolve delivery issues, facilitate artwork approvals, tooling requirements, and product setup, and provide clients with up-to-date information on their orders
- Proactively communicate with clients to keep them informed and prevent disruptions in their supply chains, helping them plan production schedules effectively
- Manage sensitive data updates such as delivery quantities, addresses, and schedules, ensuring all changes are logged accurately and efficiently

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, TypeScript, SQL (PostgreSQL), HTML/CSS, C/C++, R

**Frameworks:** React, Node.js, Express, Flask, Tailwind CSS, FastAPI, JUnit, Material-UI

**Libraries:** pandas, NumPy, Matplotlib, Seaborn, BeautifulSoup, JWT, csv-parser

**Developer Tools:** Git, Docker, Render, VS Code, PyCharm, IntelliJ, Eclipse, Postman, Vite, Jupyter Notebook

**Cloud/Platforms:** Google Cloud Platform, GitHub Actions (CI/CD), Jenkins