



# JUHWAN(JUSTIN) LEE

## SOFTWARE ENGINEER

Through my academic and project experiences, I've learned the value of combining strong technical fundamentals with effective team collaboration. From building serverless ETL pipelines on AWS to leading cross-functional teams on construction sites, I've developed a mindset focused on efficiency, resilience, and continuous improvement. I take pride in writing clean, maintainable code and proactively solving problems—skills I am eager to bring to a professional software engineering environment where I can contribute and grow.

**Work Eligibility:** Currently on a Student Visa with permission to work up to 24 hours per week during academic terms. From September 2025, I will be on a Post-Study Work Visa with full-time work rights and **no requirement for employer sponsorship**.

## CONTACT

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## EDUCATION

### Bachelor of Information Technology

Victoria University(Sydney Campus)  
OCT 2024 ~ Sep 2026(Expected)

### Diploma of Information Technology

Victoria University(Sydney Campus)  
OCT 2023 ~ SEP 2024

### Training & Certifications

- Udemy "AWS Certified Data Engineer – Associate" (in progress, target MAR 2026)
- Udemy "Introduction to FinTech" (in progress)

## SKILLS

- **Languages:** C++, Python, Java, SQL
- **Concepts:** object-oriented design, concurrency, multithreading, asynchronous I/O, low-latency, high-throughput, network protocols
- **Markets/Trading:** financial markets, market data, pricing, automated trading strategies, pricing models, exchange connectivity
- **Systems/Tools:** Linux, Git, Docker, CI/CD, unit/integration testing
- **Production:** production engineering, incident response, continuous improvement

## WORK EXPERIENCE

### AI Business Analyst

Ausbiz Consulting · Internship · Remote  
SEP 2025 ~ DEC 2025

- Prototyped LLM-assisted analytics and KPI dashboards in Python; automated data validation and monitoring.
- Shipped iterative features on tight loops with Git, code reviews, and CI; collaborated with cross-functional stakeholders.

### Cancer Data Analyst

Ausbiz Consulting · Internship · Remote  
JAN 2025 ~ FEB 2025

- Cleaned/analyzed 1.7M+ records with pandas/SQL; implemented tests to ensure data quality and reproducibility.
- Produced interactive plots (matplotlib/plotly) for results review; documented assumptions & limitations.

## TECHNICAL PROJECTS

### WWW.JUHWANJUSTINLEE.COM/PROJECT

#### Full Stack Grocery App (AWS + Python)

Team Lead (Data Engineering & Full-Stack)

**Tech stack:** Python, SQL, AWS (Lambda, EC2, S3, RDS), MySQL, ETL, REST API, HTML/CSS/JS

- Led a team to build a cloud-based tool helping users find local discounts
- Designed backend automation and data processing using AWS tools
- Developed full-stack features and collaborated with frontend designers for user interface
- Applied Agile sprint planning, version control, and daily stand-ups

#### Healthcare Data Analyst

**Tech stack:** Python, PostgreSQL, Jupyter Notebook, Google Colab, pandas, Matplotlib, Seaborn, Plotly

- Analyzed 1.7M cancer records with Python/SQL, identifying tumor patterns and survival rates. Offered strategic insights to improve treatment outcomes.

#### Cloud Data Warehouse with AWS Redshift

**Tech stack:** Python, AWS (S3, Redshift, IAM), SQL, ETL, Infrastructure as Code(IaC)

#### Healthcare Data Analyst

**Tech stack:** Python, Apache Cassandra, ETL Pipeline

## LEADERSHIP & OTHER EXPERIENCE

### International student leadership and ambassador

City of Sydney · On-Site | SEP 2025 ~ MAR 2025

### Team Supervisor

YH interior · Contractor · On-Site | JUNE 2024 ~ SEP 2025

### Operations Clerk / Squad Leader

Republic of Korea Army Aviation Command | AUG 2019 ~ MAR 2021