

## EMPLOYMENT

<b>Software Engineer, Full-time</b>	<b>Barnet, Sydney</b>	<b>Nov 2023 – Present</b>
<ul style="list-style-type: none"><li>➤ Promoted to <b>Main Contributor</b> within 1 month, assigned to critical open-source project.</li><li>➤ <b>Led development</b> of multiple backend integrations and refactored legacy code.</li></ul>		
<b>Software Engineer, Full-time</b>	<b>ItemTube, Melbourne</b>	<b>Dec 2022 – Nov 2023</b>
<ul style="list-style-type: none"><li>➤ Promoted to <b>Main Backend Developer</b> in 6 months.</li><li>➤ Received outstanding performance evaluation (<b>top 10%</b> employee) in 2023.</li></ul>		

## PROJECTS

### JADE: Comprehensive Legal Research Platform (Backend): [jade.io](https://jade.io)

- **Led backend optimization** of legislative content ingest system.
- **3X accuracy:** Improved legislation capture methodology through Selenium automation:
  1. **Scaled from limited coverage to comprehensive tracking of all** state legislative websites.
  2. Served multiple legal research needs through **robust data management**.
  3. Supported daily maintenance and ongoing feature development.
- Utilized: Java, Spring, RESTful APIs, PostgreSQL, Docker, AWS, CI/CD, Git

### National Domestic and Family Violence Bench Book (Full-stack): [dfvbenchbook.aija.org.au](https://dfvbenchbook.aija.org.au)

- **Led end-to-end development** of document management system for legal documents.
- **2X efficiency:** Delivered complete conversion pipeline for **500+** legal documents
  1. Integrated complex **DOCX parsing** and storage solutions.
  2. Developed format conversion to **AKBN standard**.
  3. Built **Scalable Storage Solution** for future document iterations.
- Utilized: Java, Springboot, PostgreSQL, Docker, Kubernetes, Next.js, Git

### PinPoint Press (Backend): <https://pinpoint.press/>

- Designed and developed an API for law books that provides complete and accurate content.
- Developed and completed the ELK system to make it easier for developers to find errors.
- Utilized: Java, Springboot, PostgreSQL, Docker, Kubernetes, Next.js, Git

### Delambre: Document Conversion Tool (Backend)

- Developed innovative DOCX parsing system **handling complex document** elements.
- Revolutionized document processing, cutting conversion time from **24h to 1h**.
- Utilized: Java, Springboot, PostgreSQL, Docker, Kubernetes, CI/CD

### CLUTCH JOBBER: Job Management System (Full-stack): <https://www.dojobnow.com/>

- **Lead developer** of a comprehensive job management system.
- Developed complete backend functionality with **advanced permission system**.
- Successfully **integrated multiple third-party services** (Stripe, Xero, Clicksend, AWS).
- Utilized: Python, FastAPI, PostgreSQL, SQLAlchemy, Docker, Kubernetes, Git, CI/CD, Vue.js

### Takeout Application (Full-stack)

- Self-developed **15+ microservices** for comprehensive food delivery platform.
- Developed **unified codebase** for web and mobile, outperforming legacy system.
- Utilized: SpringBoot, MyBatis-Plus, AWS S3 EC2, MySQL, Redis, Docker, Spring, Git, Jenkins, CI/CD

## EDUCATION

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**Full-time Postgraduate**                      **University of Melbourne, Australia**                      **March 2021 - Dec 2022**

- Degree: Master of Science in Information Technology (**GPA: 3.6/4.0**)
- Programming Coursework: Advanced Internet Programming; Object-Oriented Software Development; Enterprise Software Architecture; Advanced Database Systems; Cloud Computing and Software as a Service

**Full-time Undergraduate**                      **University of Arizona, USA**                      **Jan 2017 – May 2020**

- Major: Computer Science (**GPA: 3.5/4.0**)
- Programming Coursework: Algorithms and Data Structures; Computer Organization and Architecture; Principles of Database Systems; Linux Configuration & Development tools; Python; Data Mining

## SKILLS

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- **Proficient:** Java, Python, JavaScript, TypeScript; Spring, SpringBoot, FastAPI, MyBatis-Plus, Hibernate, JPA, RESTful; Git, Docker, Kubernetes, Postman, DevOps, AWS EC2, S3, CI/CD; PostgreSQL, MySQL
- **Familiar:** Rust, C++, C#, React.js, Next.js, Vue.js, HTML, CSS; Linux, Terminal, Nginx; Redis; Jenkins, Stripe
- **English Level:** Advanced professional proficiency