

BIBI KARNTAWAN

Cloud & Data Engineering Graduate

Melbourne, VIC • Full-time work rights (485 Graduate Visa-valid until 2027)

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PROFESSIONAL SUMMARY

Early-career **Cloud & Data Engineering** professional with hands-on experience in AWS cloud deployments, backend development, database configuration, and automation testing. Skilled in Python, SQL/NoSQL, ETL workflows, and cloud infrastructure tools. Strong problem-solving, scripting, and system integration abilities, with a long-term commitment to building a career in cloud and data technologies.

TECHNICAL SKILLS

Cloud: **AWS (EC2, S3, Lambda, RDS, DynamoDB, VPC, IAM, CloudFormation)**, AWS CDK, Containers (ECS)

Data: **SQL, NoSQL, ETL Pipelines**, Data Processing, MongoDB Atlas

Programming: **Python**, Node.js, JavaScript, REST APIs

DevOps & CI/CD: CI/CD pipelines, Jenkins, Git, Monitoring (CloudWatch), Docker

PROFESSIONAL EXPERIENCE

Cloud Infrastructure Intern (WIL Program)

Focus Bear • Melbourne, VIC | 2025

- Deployed an application to AWS using ALB, ACM, ECS, and AWS CDK (TypeScript).
- Set up and configured MongoDB Atlas to ensure high availability and secure database connectivity.
- Integrated Auth0 SSO using secure cookie/session-based authentication flows.

Quality Engineer – Automation Tester

LSEG (London Stock Exchange Group) • May 2021 – Sep 2022

- Developed automation test scripts, achieving 70% automated test coverage across projects.
- Maintained and optimised test suites, ensuring 100% successful execution for all automated cases.
- Generated weekly and monthly CI/CD reports via Jenkins to track and communicate project quality status.

Backend Developer

G-Able Public Company Limited • Thailand | Jul 2019 – Apr 2021

- Developed backend features for CRM and ATS systems.
- Built SaaS chatbot solutions using Python and Node.js, including flow design, cost/SLA modelling, and documentation.

Software Engineer Intern

Playtorium Solutions • Thailand | 2019

- Researched blockchain and cryptocurrency applications for internal company use cases.
- Developed a Python-based HR chatbot to support internal operations.

EDUCATION

Master of Information Technology | RMIT University, Australia | 2023–2025

Bachelor of Computer Engineering | KMUTT, Thailand | 2015–2019

EXTRACURRICULAR & CERTIFICATIONS

AWS APAC Solutions Architecture Virtual Experience – Forage (2025)

- Designed a simple, scalable hosting architecture using Elastic Beanstalk and documented cost-effective deployment options in clear, client-friendly language.

Azure Data Fundamentals – Microsoft Skills Bootcamp (2024)

- Studied core data concepts, Azure storage/processing services, analytics solutions, and modern cloud data platforms.

VOLUNTEER EXPERIENCE

Peer Mentor – RMIT University

- Supported postgraduate students in Practical Data Science with Python by guiding learning and reviewing work.