

Product engineer with over four years' experience, three of them in Sydney. I chose the architecture of EdisonOS, an assessment platform for high-stakes exam prep (Digital SAT, ACT, PSAT, SHSAT and AP), sold to schools, districts and tutoring companies. I built the billing it sells on, run its releases, and lead the three engineers on it.

EXPERIENCE

TeachEdison

March 2025 – Present

Software Development Engineer II · Coimbatore, India

- Took billing from nothing to paying institutions: Stripe checkout and webhooks, the credits-and-licences model institutions buy on, renewals, invoicing and past-due retries. Started February 2026, Stripe live in April, free-trial-to-paid by July.
- Lead three engineers and review what they ship before it reaches the mainline — 326 of their pull requests merged between October 2025 and August 2026.
- Chose a Turborepo monorepo: console, academy, content distribution, backoffice and API in one repo, replacing the previous product's split backend and frontend repos.
- Made releases zero-downtime on a platform where a student can be mid-test during a deploy: expand-contract across both database migrations and the API surface, with route redirects for frontend changes.
- Built the console institutions administer themselves — cohorts and rostering, score reports, test history, notifications — and a webhook dispatcher for customer integrations.
- Built the team's intake pipeline: issues raised in the Slack product channel funnel into Plane, onto the board, then get triaged and scoped by agents.

Cognizant Servian

August 2021 – May 2024

Graduate → Analyst → Associate Consultant · Sydney, Australia

- Westpac (client), Dec 2021 – Jan 2024: built customer-profile and remediation data generation in SQL, SAS and Teradata, feeding 50+ remediation projects. The output fed customer repayments and was audited before money moved.
- The Iconic (client), Oct – Dec 2021: built MLOps traceability logging on GCP over Vertex AI, BigQuery and Kubeflow Pipelines.
- Proof-of-concept GenAI/RAG pipelines with hallucination detection and content moderation.

EDUCATION

The Australian National University	2018–2020
Bachelor of Advanced Computing (Honours)	
Manipal University	2016–2018
Credits transferred to ANU (2+2 articulation)	

CERTIFICATIONS

Google Cloud Professional Data Engineer
Google Cloud Professional Machine Learning Engineer

SELECTED PROJECT

Mountire

2026 – Present

Order-to-production system for a manufacturing business. Accepted orders become individually trackable units that move through a routing graph of production stages, and drop into an inspection → scrap-or-rework → NCR/CAPA chain when one fails. The public site takes RFQ leads, uploads held in private S3 quarantine until AWS GuardDuty clears them. Next.js, Typescript, FastAPI, Postgres, Turborepo, Payload CMS.

SKILLS

React · Next.js · Typescript · Node.js · Python · Postgres · FastAPI · Docker