

YUVRAJ KUNWAR

AI Engineer | Full-Stack Systems | Cybersecurity

Melbourne, VIC | maddoxuv@gmail.com | linkedin.com/in/yuvraj-kunwar | github.com/yuvkun10

PROFESSIONAL SUMMARY

AI Engineer at Dulcie Home Care with a completed Master of Information Technology and a background spanning full-stack product delivery and security operations. Owns technical delivery across AI systems, production software, internal tools, workflow automation, integrations, release, and support. Shipped work includes finance and operations platforms, OCR, RAG, and secure staff systems. Previously worked as a SOC Analyst with SIEM, SOAR, IDS/IPS, incident response, and vulnerability assessment.

PROFESSIONAL EXPERIENCE

AI Engineer March 2026 — Present
Dulcie Home Care Melbourne, VIC

- Progressed from Full Stack Developer intern to full-time AI Engineer, owning delivery from discovery and architecture through release and production support
- Completed DulciePay and PennyPay finance platforms covering invoice intake, OCR review, community-scoped approvals, Lookout submission, ABA payments, reporting, and audit history
- Built OCR and citation-backed RAG services with pgvector retrieval, human review, evaluation gates, masked tracing, and fail-closed access controls
- Designed automations connecting Google Workspace, HubSpot, Workato, Slack, Lookout, and BigQuery; recognised as Employee of the Quarter in June 2026

SOC Analyst Previous Role
eSewa Nepal (Digital Payment Platform) Nepal

- Operated SIEM and SOAR platforms for real-time threat detection and automated incident response
- Managed IDS/IPS systems to prevent unauthorised access across payment infrastructure
- Conducted vulnerability assessments and coordinated cross-functional incident response efforts

EDUCATION

Master of Information Technology (Cybersecurity) June 2025 — June 2026
Victorian Institute of Technology (VIT), Melbourne

- Completed June 2026

Master of Information Technology Nov 2024 — June 2025
La Trobe University, Melbourne

Bachelor of Information Technology Oct 2019 — Dec 2023
Nilai University, Malaysia

TECHNICAL SKILLS

- Languages:** JavaScript, TypeScript, Python, SQL, HTML5, CSS3
- Frontend:** React 19, TanStack Start, TanStack Router/Query, Tailwind CSS, Shadcn/Base UI, React Native, Expo
- Backend & Data:** Node.js, Hono, Express, REST APIs, Supabase, PostgreSQL, Prisma, Drizzle, pgvector
- Security:** SIEM, SOAR, IDS/IPS, Incident Response, Vulnerability Assessment, NIST CSF
- AI & Operations:** OCR, RAG, LangChain/LangGraph, Ollama, Evaluation Gates, Tracing, Vercel, Render, Cloudflare, GitHub Actions
- Soft Skills:** Cross-functional Team Leadership, Project Management, Agile/Scrum

KEY PROJECTS

DulciePay AI Engineering & Finance Operations

- Production operations platform for invoice intake, OCR review, community-scoped approvals, Lookout submission, ABA payments, and audit evidence

PennyPay TypeScript & Multi-Entity Finance

- Typed platform using TanStack Start, Hono, Supabase, local OCR/RAG, tiered approvals, Lookout submission, payment processing, and reconciliation

Prompt Injection Detector Open-Source AI Security

- TypeScript library, HTTP API, and CLI for local deterministic detection of prompt-injection and jailbreak attempts

CERTIFICATIONS

- Fortinet Certified Associate in Cybersecurity — Fortinet
- ISC2 Certified in Cybersecurity — ISC2
- Microsoft Cybersecurity Analyst — Microsoft
- Google Cybersecurity Specialization — Google
- Cyber Incident Response — Infosec
- Building with the Claude API — Anthropic
- IBM RAG and Agentic AI — IBM Skills Network
- Threat Intelligence Fundamentals — SOCRadar