NICK
PANG

LEAD SOFTWARE ENGINEER

PROFILE

Versatile software engineer with extensive experience in full-stack development and AI integrations across academic and commercial environments.

Proven ability to lead diverse projects, develop scalable cloud solutions, and create innovative APIs that drive user growth and revenue. Skilled in technologies including React, TypeScript, Python, Node.js, and Amazon/Azure Web Services, with a strong focus on delivering high-quality, user-centric solutions. Committed to leveraging technical expertise and collaborative skills in a mid-senior-level role to support impactful projects and organizational success.

CONTACT

PHONE:
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HOBBIES

New Technologies Research
Personal Projects Update
Church services
Motorsports

EDUCATION

Queensland University of Technology
2019 – 2020
Master of Information Technology (User Experience)

University of Queensland
2018 – 2019
Bachelor of Information Technology (Software Development)

WORK EXPERIENCE

ConceptV - Lead Software Engineer
Jan 2025 – Present
Partner with CEO & CPO to translate strategic goals into technical roadmaps.
Architected multi-LLM workflows (OpenAI, Anthropic Claude, Google GenAI) across Flask & Next.js microservices.
Established Docker-based CI/CD pipelines on AWS S3 & MinIO, reducing deployment overhead by 40%.

ConceptV - Senior Software Engineer (Contract)
May 2024 – Jan 2025
Designed production-grade REST APIs in Python/Flask leveraging the OpenAI API to extend AI assistant capabilities.

Queensland University of Technology (QUT) - Software Engineer, eResearch
Jun 2024 – Jan 2025
Developed HPC research tools and a data-management platform for research students and staff.
Built an internal service status dashboard; integrated Red Hat AWX API to automate Ansible playbooks and generate OpenAPI specs.

Euclideon Pty Ltd - Software Developer
Apr 2021 – Feb 2024
Engineered udStream (desktop) and udCloud (SaaS) products, tripling active users within 12 months.
Integrated the Unlimited Detail SDK with GIS platforms; delivered client demos that generated millions in revenue.

SOCIF Hong Kong Limited – Junior Software Developer (Part-time)
Jan 2019 – Mar 2021
Built USTransit real-time transit app and Lost Item Finder web app, serving 100K+ users.
Implemented full-stack features using React Native, Node.js, MongoDB/PostgreSQL.

SKILLS

Skill	Percentage
Frontend	95%
Backend	90%
DevOps & CI/CD	85%
AI & LLM Integration	75%
Communication	90%