

RELATED WORK EXPERIENCE

Electrical Engineer – Ecanet Engineers - Perth, WA | Feb 2025 – May 2025

- Designed and optimized solar panel layouts for large-scale solar farms.
- Assisted in designing Tier III data center electrical systems using AutoCAD.
- Prepared single-line diagrams (SLD) ensuring compliance with AS/NZS 3000 standards.
- Organized technical documentation under senior engineers' guidance.
- Revised electrical schematics and single-line diagrams based on stakeholder markups.

Electrical Engineer – State Grid Corporation of China - Urumqi, China | Sep 2018 – Sep 2019

- Performed monthly load monitoring across 10kV distribution networks.
- Supported maintenance of distribution transformers and switchgear.
- Conducted on-site electrical safety inspections.
- Prepared technical proposals for client power infrastructure upgrades.
- Assisted in resolving power quality complaints.
- Developed standardized inspection forms to improve documentation efficiency.

WORK HISTORY

AI Developer – Integrated Energy - Perth | Dec 2024 – Present

- Fine-tuned LLaMA model to answer medical questions on rare genetic disorders.
- Developed medical document datasets and retrieval systems (RAG) to improve response quality.
- Deployed secure, offline models using PyTorch & Hugging Face.
- Iterated model outputs based on user feedback to improve clarity and precision.

Software Engineer – Immersive Technologies - Perth | Nov 2023 – Dec 2024

- Optimized state management in React to enhance user interface.
- Integrated RESTful APIs, ensuring communication between front-end and back-end.
- Conducted thorough code reviews, adhering to best practices.
- Collaborated with an Agile team.
- Diagnosed and resolved application issues.
- Developed and maintained technical documentation.