

Palmer Hutt

Electrical Engineer | Solutions Engineer |
Embedded Systems

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Electrical Engineer with hands-on experience delivering embedded, electrical, and energy systems from requirements definition through deployment. Experienced in customer-facing technical roles, translating complex system constraints into practical, deployable solutions while coordinating cross-functional teams. Strong background in systems-level problem solving, documentation, and solution validation.

Work experience

EnergyPal | Technical & Sales Consultant

Remote, USA | 05.2023 – Present

- Defined project scope, requirements, and implementation plans for solar and energy systems
- Coordinated cross-functional teams to ensure timely and high-quality solution delivery
- Executed structured project plans with clear milestones, improving conversion and installation throughput
- Maintained technical documentation and CRM records for accurate forecasting and alignment
- Communicated technical concepts to stakeholders to drive informed decision-making

The BuildTeam | Founder & Technical Lead

Remote | 03.2020 – 04.2023

- Delivered end-to-end design-to-deliverable projects for custom LED and electrical systems
- Managed global supplier relationships and coordinated multi-timezone project schedule.
- Oversaw project risks, timelines, and deliverables, ensuring consistent on-time execution
- Coordinated customer requirements, production timelines, and delivery milestones to ensure successful project execution

Freelance Electronics Designer | Embedded & Systems Technical Lead

Remote | 06.2018 – 03.2020

- Delivered embedded systems and hardware projects from scoping to validation
- Scoped client requirements, created technical specifications, and tracked deliverables
- Executed hardware integration and testing across embedded, electrical, and sensor-based systems, resolving system-level issues to meet functional and acceptance criteria
- Maintained detailed project documentation for future handoff and scaling

Skills

Embedded Systems • Electrical & Automation Systems • PCB Design • C, C++, MATLAB • System Integration • Hardware Testing & Validation • Technical Documentation • Requirements Definition • Cross-Functional Coordination • Stakeholder Communication • CRM & Technical Sales Support

Projects

- **Smart False Window:** End-to-end embedded lighting project simulating daylight.
- **Smart Light Alarm System:** Embedded lighting solution with alarm synchronization.
- **5×5 LED Matrix:** Audio-reactive display using microcontroller programming.

Education

Ontario Tech University | Bachelor of Electrical Engineering (Honours)

Ontario, Canada