Prakash Raj Gadal

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CAREER OBJECTIVE

Software and Electrical engineer with skills across the modern software development stack. seeking an opportunity for challenging and innovative engineering jobs in growing logistics with a dynamic professional environment to apply my strong analytical and technical skills honed through internship and various hands-on project experience. Persistent problem solver, strong attention to detail and Eager learner.

EDUCATION

Master of Software Engineering   Feb 2020- July 2022
University of Canberra

Bachelor of Electrical Engineering   Nov 2013 - Dec 2017
Tribhuvan University

TECHNICAL SKILLS

SOFTWARE   Auto CAD, MATLAB, MS Office (Word, Excel, PowerPoint), MS Project, C, C++, Visual Basic, Visual Studio, MySQL, Git, Eagle, Html, CSS, JavaScript, Java, React, NodeJS, Fusion 360, MongoDB, Eagle.

 HARDWARE   Electrical instruments such as oscilloscope, microprocessor, Arduino, soldering.

WORK EXPERIENCE

You.InControl   August 2021-Present
Higgins, Canberra
- Leading the "Smart Solar Home" project
- Designing PCB footprints using Eagle software
- Designing hardware components of the system
- Programming hardware in Arduino using C++

Junior Electrical Engineer   March 2018- MAY 2019
R.K. Consultant, Nepal
- Understanding the client's needs and managed client's communications and relationship.
- Worked in a diverse engineering disciplinary team.
- Project management techniques and task delegation.
- Prepared a detailed engineering report

RELEVANT PROJECT

GOTTER WASTE WEIGHT MANAGER (*Cloud based system*)   August 2021- Nov 2021
(MASTER CAPSTONE PROJECT)

LOAD MANAGEMENT VIA WIRELESS SYSTEM   March 2017 -Sep 2017
 (*FINAL YEAR PROJECT*)

REFEREES

Available upon request