

## RAJAN KHANAL

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### Profile

An enthusiast and professional youth who believes in positive change and development. I am an extremely driven and motivated person. Dedicated, imaginative, and a great team player. As an electrical engineering student, I bring a strong foundation in electrical principles and a passion for innovative technology. My coursework and projects have honed my problem-solving abilities and attention to detail, making me well equipped for an internship in the field. I have a strong foundation and proficiency in various professional software needed for electrical engineers. I consider myself a responsible and orderly person. Eager to explore Power System distributed generation, renewable energy sources, Power Electronics and Control System. I am looking forward to my first work experience.

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### Education

Bachelor's in Electrical and Electronics Engineering (Power and Control) 2019-2024

Department of Electrical and Electronics Engineering,

School of Engineering, Kathmandu University, Dhulikhel 45210, Nepal

\*Major Courses: Electrical Machines, Measurement and Instrumentation, Power System, Power Electronics, Control System and Engineering, Power System Planning and Operation, Industrial Electrification and Control, Engineering Projects

Higher Secondary Education 2017-2019

GoldenGate International College, Old Baneshwor, Kathmandu 44600, Nepal CGPA: 3.37

\*Major Subjects: Physics, Mathematics, Chemistry, Computer Science, English

School/Secondary Level Education Completed in 2017

Dhruba Tara Vidhya Mandir Secondary School GPA: 3.5

Khajura Gaupalika, Nepalgunj 21900, Banke

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### Projects

1. Design and Fabrication of Electric Vehicle (EV) Charging Mechanism
  2. Design and Fabrication of a Single-Phase Binary Weighted Electronics Load Controller (ELC)
  3. Load Flow Analysis of the Power Grid of western development region, Nepal.
  4. Object Counter
  5. Rain Detector Device (Alarm and Protection)
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### Courses and Certifications

1. Programming for Everybody (Getting Started with Python) Coursera  
University of Michigan Aug 2023

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|-----------------------------------------------------------------|----------|
| 2. Get Started with Python                                      | Coursera |
| Google                                                          | Sep 2023 |
| 3. Foundations of Data Science                                  | Coursera |
| Google                                                          | Sep 2023 |
| 4. Excel Fundamentals for Data Analysis                         | Coursera |
| Macquarie University                                            | Feb 2024 |
| 5. A Practitioner's Approach to Power Distribution & Automation | Coursera |
| L&T EduTech                                                     | Feb 2024 |

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## Skills

1. MATLAB/SIMULINK
  2. DIgSILENT PowerFactory
  3. Proteus
  4. Microsoft office: MS Word, MS Excel, MS PowerPoint
  5. PLC
  6. Python
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## Language

1. English
2. Nepali
3. Hindi

*I hereby declare that all the information contained in this CV is accurate and truthful to the best of my knowledge.*



Rajan Khanal