

# PRASIDDHA SHIWAKOTI

## COMPUTER ENGINEERING GRADUATE

### CONTACTS

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### SUMMARY

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I am a Computer Engineering student who has recently completed final year examinations (awaiting results) with a strong passion about innovation, seeking to apply technical skills and contribute to development and research.

### PROJECTS

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| <b>Ishara-Setu</b>   | <b>2025</b> |
| A Nepali Sign Language Detection System  |             |
| <ul style="list-style-type: none"><li>• CNN and LSTM based real-time Nepali sign language character recognition. Detects gestures and converts them into text and speech for easy understanding</li><li>• Tools: TensorFlow, OpenCV, Django, Pandas, Numpy</li></ul> |             |
| <b>Auto-Catalyst</b>   | <b>2024</b> |
| Auto Reselling System  |             |
| <ul style="list-style-type: none"><li>• Facilitates the buying and selling of pre-used automobiles with features like messaging among users, cart, rating, etc.</li><li>• Tools: Django, HTML, CSS, JavaScript, MySQL</li></ul>                                      |             |
| <b>MedHost</b>   | <b>2023</b> |
| A Patient Information Management System  |             |
| <ul style="list-style-type: none"><li>• Digitization of paper-based patient records in hospitals, clinics providing faster search and easier record-keeping</li><li>• Tools: PHP,HTML, CSS, JavaScript, MySQL</li></ul>  |             |

### EDUCATION

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| <b>Bachelor of Computer Engineering</b><br><b>2020-2025</b><br>Nepal Engineering College,<br>Changunarayan, Bhaktapur <ul style="list-style-type: none"><li>• Aggregate CGPA:4.0</li><li>• Awarded with Batch Topper Scholarship Award</li></ul> | <b>Secondary Level Education in Computer Science</b><br><b>2018-2020</b><br>Bagmati College,<br>Sokedhara, Kathmandu <ul style="list-style-type: none"><li>• Aggregate GPA: 3.76</li><li>• Member of College SQC</li></ul> |
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### SKILLS

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#### Programming Languages:

Python, PHP, C, C++, Java

#### Frameworks & Libraries:

Django, TensorFlow, OpenCV, Flutter

#### Web Technologies:

HTML, CSS, Bootstrap, MySQL, JavaScript

#### Version Control:

Git, GitHub

### CERTIFICATIONS

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#### Python Data Structure | 2025

University of Michigan | Coursera

#### Programming for Everybody | 2021

University of Michigan | Coursera

#### Flutter Masterclass | 2025

Sayman Creative institute | Udemy

#### Python for Beginners | 2025

SimpliLearn | SkillUP