




Bipul Panthi

 Github URL
 LinkedIn URL
 panthibipul@gmail.com

Skills

Python



C



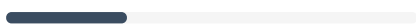
MATLAB



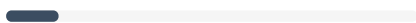
C++



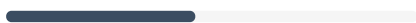
Github



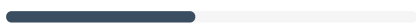
Docker



JS, TS



React



Flutter



English



Japanese



Education

04/2019 - Present

Undergraduate in Mechanical Engineering

Tokyo Institute of Technology

04/2018 - 03/2019

Japanese Language Studies

Osaka University

Career Goal

Enthusiastic and credentialed student interested in software development, web/app development and robotics. A self motivated learner with a career goal to work with software development and web/app development.

Work Experiences

Part-time Engineer

07/2021 - today

Enaspiration Inc.

- ▶ Created device unlocking with password verification using STMicroelectronics.
- ▶ Improved the firmware used in smart-lock devices.
- ▶ Developed web browser settings with HTML, CSS and JS.
- ▶ Built a web app using React with JS and TS.

Part-time interpreter

01/2021 - 07/2021

Terilogy services

- ▶ Interpreted between 4 languages: English-Japanese-Nepali-Hindi.

Awards and Grants

MEXT Scholarship for Undergraduate Studies

04/2018 - 03/2023

By MEXT Japan

Awarded with the MEXT scholarship for undergraduate studies offered by Ministry of Education, Culture, Sports, Science and Technology for the undergraduate studies. The time period of the scholarship is from April 2018 to March 2023.

Relevant Skills

- ▶ Frontend development with HTML, CSS and Flutter.
- ▶ Frontend development using React with JavaScript and TypeScript.
- ▶ Data analysis and image processing in MATLAB, Python.
- ▶ Gold rank in Hackerrank Python coding.
- ▶ Developed firmware for smart-lock devices.
- ▶ Experience working with microelectronics in Linux distributions.
- ▶ Used GitHub and Docker for internal projects.

Certifications

- ▶ MATLAB onramp
- ▶ Image Processing onramp in MATLAB
- ▶ Machine Learning onramp in MATLAB

Interests

- ▶ Drummer
- ▶ Music
- ▶ Reading novels
- ▶ Gaming

Miscellaneous and Projects

- ▶ Various small projects with Arduino and STMicroelectronics.
- ▶ PortFolio website using React with JS, HTML and CSS.
- ▶ Quiz app with Flutter.
- ▶ Tip calculation app with Flutter.
- ▶ Movie rating and details app with Flutter.
- ▶ Robotic arm simulation using MATLAB.
- ▶ Robotic arm dynamics control with C.
- ▶ e-Sports Team Manager for a Nepali e-Sports Team.

Portfolio Website

<https://bipulpanthi.com/>.