







ROHIT PAUDEL

December 4th, 1997. Nepalese
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Programming

Advanced

• C++ • PHP • Python

Intermediate

• C • Javascript • MySQL

Basic

• Typescript • Solidity

Languages

• English - **Fluent** • Nepali - **Native**
• German - **Basic (A2)**

Concepts

- Algorithms & Data Structures
- Operating Systems & Networks
- Machine Learning & Deep Learning
- Computer Vision
- Robotics, Computer Graphics
- Web Services & REST APIs
- OOP Principles

Tools

- Git
- OpenCV
- React, ReactNative
- \LaTeX
- Matlab
- Laravel
- AWS

Education

2017 - 2020 **BSc. Computer Science**
Minor in Intelligent Mobile Systems

Jacobs University, Germany

Experience

- Mar 2020 - Present **Software Engineer** Osarpasar, Side Project
- Worked on Nestjs backend system (Typescript) to create REST APIs and React Native Mobile App for Truck sharing platform
- Feb 2019 - June 2020 **Working Student Developer** Digital Guest Solution, Oldenburg, Germany
- Contributed to Events logistic and Testdrive logistic software using PHP Laravel Backend API System and React Frontend System
- Aug 2019 - Nov 2019 **Software Engineer Intern** Digital Guest Solution, Oldenburg, Germany
- Contributed Testdrive logistic software using PHP Laravel Backend API System and React Frontend System
- July 2018 - Jan 2019 **Working Student Developer** Jacobs University
- Developed desktop apps for conducting psychology experiments using PsychToolBox on Matlab

Research & Projects

- Feb 2020 **Bachelor's Thesis: Data extraction and System Visualization (EDEN ISS)** Institute of Space Systems, German Aerospace Center, Bremen
- Present
- Extracting CEA sensor data using ARGUS control system API (Antarctica Server) and storing locally every 15 minute at DLR Server
 - Backend REST APIs interacts with React frontend system to visualize System workflow and sensor data
- Nov 2018 **Love the Chain - Real estate Marketplace in Blockchain** Malta Blockchain Hackathon, Malta
- worked on Ethereum based decentralized app (dapp) marketplace using node.js, express.js, solidity in team of six.

Prizes & Awards

- Oct 2018 **Winner of Airbus Challenge** Hackathon Bremen 2018
- Worked in a team of 5 engineers to prototype a system to maintain Tetris Aircraft Assembly smart Inventory for production.
- Aug 2018 **Winner of BVG Hackathon, Paypal Challenge** BVG Hackathon, Berlin
- Chatbot to Access travel schedules, book ticket with voice
- Jun 2018 **Winner of OSRAM Challenge** TechFest Munich Hackathon, TUM
- Created a IoT voice controlled smart Building system.
 - developed System to interact with voice to execute realtime actions
- July 2017 **Merit Based Scholarship at Jacobs University Bremen**