ROHIT PAUDEL

December 4th, 1997. Nepalese

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 rizzeol

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Programming ———

Advanced
- C++ - Python

Intermediate
- C - Matlab - HTML - MySQL

Basic
- PHP - Javascript - Solidity

Languages ———

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

Concepts ———

- Algorithms & Data Structures
- Operating Systems
- Machine Learning
- Robotics
- Computer Graphics
- Computer Vision
- OOP Principles

Tools ———

- Git
- Vim
- LaTeX
- Matlab
- Mininet
- AWS
- Wordpress

Education

| 2017 - 2020 | **BSc. Computer Science** | Jacobs University, Germany |
| | Minor in Intelligent Mobile Systems | |

Experience

Feb 2019 - Present **Working student Developer** Digital Guest Solution, Oldenburg, Germany
- Working as software developer focuing on PHP Laravel development

July 2018 - Jan 2019 **Working Student Developer** Jacobs University
- Developed desktop apps for conducting psychology experiments using PsychToolBox on Matlab

Research & Projects

Nov 2018 **Love the Chain - Realestate Marketplace in Blockchain** Malta Blockchain Hackathon, Malta
- worked on Ethereum based decentralized app (dapp) marketplace using node.js, express.js, solidity and so on within a team of 6 engineers and developers.

July 2018 **Fairhousing - Blockchain system to track rental agreements** Blockchain Pioneers Hackathon, Berlin
- Implemented frontend for a blockchain based system and combined with the backend system code

Oct 2017 Mar 2018 **Control System & Automation** Intelligent Mobile System Lab
- Worked with Arduino and Processing to visualize 3D object movement with PID controller and Design Control System for Motor using Arduino and Matlab

Dec 2014 Jan 2015 **Autonomous Robot** Goldengate Robotics Club
- Researched and build a Robot with an arm controllable with Smartphone (built a working prototype based on Arduino Platform)

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.

Jun 2018 **Winner of OSRAM Challenge** TechFest Munich Hackathon, TUM
- Created a IoT smart Building system using Raspberry Pi, HPD2 Optical Sensor (by Steinel),Google Assistant, OSRAM Lighteligence platform

July 2017 **Merit Based Scholarship at Jacobs University Bremen**

feb 2016 **3rd Prize in 6th Southwestern Science Exhibition 2016** Southwestern College, Kathmandu, Nepal

feb 2016 **Award of Participation & most creative team in 21st SET Exhibition** St.Xavier's College, Kathmandu, Nepal