



# SUDIP GHIMIRE

ENGINEER | SOFTWARE DEVELOPER

## PROFILE

I am an electronics and communication Engineer and an enthusiast who adores nearly everything identified with innovation. With over 5 years of dynamic contribution in programming, robotics, data science, AI, ML, and automation, I have prepared myself as an ideal student and a professional. Functioning as a software engineer and an embedded systems programmer, I have taken in a great deal about the patterns and upgraded my demonstrable skill appropriately.

## CONTACT

**PHONE:** 977-9843-202217

**ADDRESS:** Bhaktapur, Nepal

**WEBSITE:**

<https://sudipghimire.com.np>

**EMAIL:**

[ghimiresdp@gmail.com](mailto:ghimiresdp@gmail.com)

[ghimiresdp@outlook.com](mailto:ghimiresdp@outlook.com)

**LINKEDIN:**

<https://linkedin.com/in/ghimiresdp>

**GITHUB:**

<https://github.com/ghimiresdp>

**SKYPE:**

[ghimiresdp](https://www.skype.com/user/ghimiresdp)

## EDUCATION

**Tribhuvan University, Himalaya College of Engineering**

**Nov-2013 – Oct-2017**

Bachelor of Engineering in Electronics and Communication

- Actively participated in AI and Robotics Technology
- Participated in dozens of technical competitions and hackathons
- Researched on Computer Vision and Robotic Navigation based projects

## WORK EXPERIENCE

**Connecting Dots Tech Solutions Private Limited**

**Senior Software Engineer (November 2019–Present)**

- Worked on Python-based web frameworks like Django Rest Framework and Frontend technologies like React JS
- Worked on System Architecture Design
- Worked as a Senior Software Engineer, Public Relations Officer, and a Full-stack Engineer

**IGC Technology Private Limited**

**Software Developer (June 2018–July 2019)**

- Developed Python Based Web Applications
- Worked on Mobile development with React Native
- Integrated Payment Gateways with PayPal, Braintree
- Worked on Ride-Sharing app and Learning Applications

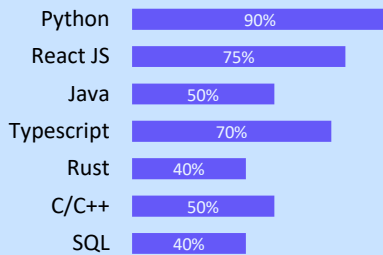
**Eton Technology Private Limited**

**Systems Programmer (November 2017–June 2018)**

- Developed python and Java-based IoT systems
- Developed GPS and RFID based Trackers firmware
- Designed and developed Electronic circuits

## PROFESSIONAL SKILLS

### Programming Languages



### Technologies

- Artificial Intelligence
- Blockchain Technology
- Cloud Computing
- Machine Learning
- Internet of Things (IoT)
- Desktop applications
- CAD

### Frameworks and Services

- Django Rest Framework
- Amazon Web Services
- Tensorflow, Keras
- Scipy, Scikit-learn
- React JS
- Electron JS
- JavaFX

### Productivity Tools

- Blender 3D
- Adobe Photoshop
- Microsoft Office
- Draw.IO

## HOBBIES

- 3D Graphics design
- Photography / Videography
- Gaming Logic
- Sketch
- CAD/ Simulation

## TRAINING AND CERTIFICATION

### Blockchain Technology

*Udemy (June 1, 2020)*

- Blockchain theory and its importance
- Creating a Blockchain
- Creating a Cryptocurrency
- Smart Contracts with Blockchain Technology

### Deep Learning with Tensorflow 2.0

*Udemy (April 18, 2020)*

- Neural Networks, Deep Neural Network
- Initialization, Back Propagation, Gradient Descent
- Overfitting, Losses
- Business Implementation of Training Models

### Machine Learning

*Stanford University Online, Coursera (January 23, 2020)*

- Linear Algebra, Linear Regression, logistic regression,
- Regularization, Neural Networks Representation,
- Supervised and Unsupervised Learning, Support Vector Machines, Anomaly Detection
- Passed with GraSde 94.90%

### Basic Hardware Troubleshooting

*Himalaya College of Engineering (January 2015)*

- CAD Design and analysis of electronic circuits
- Hardware Troubleshooting, debugging and PCB etching
- Hardware programming with Embedded C/C++

### Graphics Designing

*Soft-Tech Computer Institute (P) Ltd. (Jul 15, 2012)*

- Adobe Photoshop, Freehand, Coral Draw
- Creating Web images and Vector images
- Magazines design with adobe PageMaker
- Passed with Grade Excellent

## AWARDS AND SIGNIFICANT HIGHLIGHTS

### Himalaya Exhibition, Hex-2017 [Winner]

*Himalaya College of Engineering (July 16, 2017)*

- Robotic Navigation by Vision
- Hardware Challenge
- Awarded by Lumbini Builders

### Nasa's International Space Apps Challenge [First Runner UP]

*NASA, Robotics Association of Nepal (April 30, 2017)*

- Virtual Space Exploration
- Simulation and Virtual Reality with Unity
- International Nomination from Nepal