



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

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SKYPE:

[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

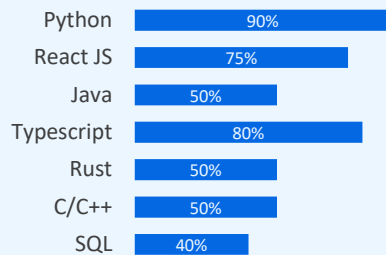
Eton Technology Private Limited

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

Introduction to Machine Learning

Duke University (May 14, 2021)

- Convolutional Neural Networks
- Long Short-Term Memory
- Q learning and Deep Q learning

Blockchain Technology

Udemy (June 1, 2020)

- Blockchain theory and its importance
- Creating a Blockchain and 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

Machine Learning

Stanford University Online, Coursera (January 23, 2020)

- Linear Algebra, Logistic regression,
- Supervised and Unsupervised Learning
- Support Vector Machines, Anomaly Detection

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

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 (Satellites & ISS)
- Simulation and Virtual Reality with Unity