Saurav Pandey

Data Scientist/ Python Developer

Experienced Python Developer and motivated Data Science professional who loves mathematical patterns and believes in the magical impact Data can bring to this generation. Skilled in Python, Data Analysis/Visualization and Software Development.

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linkedin.com/in/pysaurav in

github.com/pysaurav

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WORK EXPERIENCE

Data Scientist
CloudyFox Technologies ↗

08/2019 – Present   *Anamnagar, Kathmandu*

Achievements/Tasks
- Database Designing, Implementation and Optimization
- Data Acquisition using selenium, BeautifulSoup, scrapy
- Making predictive models using scikit

Contact: Sanjeev Thapa – sanjeev@cloudyfox.com

Organizer/ Mentor
PyData Kathmandu

06/2019 – Present   *Kathmandu*

Achievements/Tasks
- Organizing and managing Data Science Training Sessions
- Giving Talks and Organizing Mentor Sessions

Python Developer/ Data Analyst
Rooster Logic Pvt. Ltd. ↗

05/2018 – 06/2019   *Gairidhara, Kathmandu*

Achievements/Tasks
- Web Development via Flask
- REST API design and development
- Data Analytics and Dashboard design/development

Assistant- Lecturer
Institute of Engineering, Thapathali Campus

11/2018 – 04/2019   *Thapathali, Kathmandu*

Achievements/Tasks
- Lectures in C Programming
- Supervising and Monitoring Lab Projects

EDUCATION

Masters in E-Governance
Nepal Open University

2020 – Present   *Manbhawan, Lalitpur*

Courses
- Progressing
- Focused in ICT enabled development.

BE, Electronics and Communication
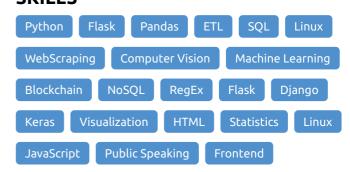Institute of Engineering, Thapathali Campus

2013 – 2017   *Thapathali, Kathmandu*

Summary
- ECAST(Electronics Community); President(2016-17)

SKILLS

Python Flask Pandas ETL SQL Linux WebScraping Computer Vision Machine Learning Blockchain NoSQL RegEx Flask Django Keras Visualization HTML Statistics Linux JavaScript Public Speaking Frontend

PROJECT HIGHLIGHTS

Top News (Nepal) (11/2018 – 01/2019) ↗
- Role: Backend Developer
- Data Scraping using bs4, RegEx
- Natural Language Processing; Document term using tf-idf
- RESTful API's design and development

Anamoly Based Intrusion Detection System (10/2017)
- Role: Machine Learning Engineer
- Pandas , scikit learn, matplotlib
- Feature selection and Modeling

Karuna Foundation MIS (01/2019 – 05/2019)
- Role: Full Stack Developer
- Python Flask (Backend); JavaScript, CSS, HTML(Frontend)
- MongoDB as Database and Dashboard using HighCharts

Supply Chain Tracking (06/2018 – 09/2018)
- Role: Core Developer
- Used Proof-Of-Work Consensus Algorithm
- NoSQL CRUD
- Flask and API Design/ Development

PUBLICATIONS

Blockchain in HandiCraft Supplychain Management(2019)
2nd Himalayan Conference on Advanced Engineering and ICT-Convergence- Published

Anomaly Based Intrusion Detection System (2019)
Annual Journal of Institute Of Engineering, Thapathali Campus-Published