

Labin Ojha

Software Developer and Team Lead at PitechInfo
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Work Experience

- **Pi Tech Info Pvt. Ltd.** Kathmandu, Nepal
Software Team Lead December 2021 - September 2022
 - Full-Stack Developer and acting team lead for their product called 'Chukul' which offers fundamental analysis and technical analysis of stocks as a service.
 - Worked with Django, Vue.js, Quasar UI, TradingView
 - Launched the product in a short timeframe and helped the company breakeven after about 4 months of launch.
- **Beta Analytics Pvt. Ltd.** Kathmandu, Nepal
Software Developer Feb 2020 - September 2021
 - Full-Stack Developer on their in-house data entry and reporting system.
 - Full-Stack Developer on a web application framework for stockbrokers. The framework allowed multiple revenue streams while being based on a single system. The sites had features like: managing downloadable content, creating and updating notices and blog posts, and KYC forms
 - List of websites using the framework :
 - * 'Premier Securities'
 - * 'Sweta Securities'
 - * 'Malla & Malla Stockbroking Co.'
 - Developed a browser extension to automate filling up forms.
- **Sudreeshya IT Training Academy** Kathmandu, Nepal
Python Instructor Jan 2020 - Feb 2020
 - Delivered a course in Python programming to 3rd-year college students.
 - Each student was assigned an end-of-course project and they demonstrated considerable understanding of the concepts. Many of them are employed now in good companies.
- **Innovative Engineering and Construction Technologies Pvt. Ltd.** Kathmandu, Nepal
Information Systems Officer Feb 2018 - Dec 2019
 - Managed and oversaw the development of their website - Meroghar Website and mobile app
 - Maintained and Monitored the organisation's ERP software(Bitrix24)
 - Setup, Operation and Troubleshooting of computing and network equipment like Routers and Switches, CCTV, Access Control and Attendance Systems, IVR
 - Tested and evaluated new tools and technologies. Proposed hardware/software solutions to accomplish the company's business objectives
 - Negotiated pricing and fees with various software providers and equipment vendors to cut down operation costs of the organization.
 - Documented & Reported findings and observations for Business Process Optimization.
- **Bajra Technologies Pvt. Ltd.** Kathmandu, Nepal
Software Development Intern Sep 2017 - Dec 2017

- Built a backend module in Golang for one of their in-house project named ‘Sitehawk’ which is a website monitoring service
- The module utilized Bing Search API to determine rankings of our client’s websites which was quite useful and appreciated.

- **CSIT Association of Nepal**

Kathmandu, Nepal

Executive Member

2015 - 2016

- Built and wrote content for their very first website - CSITAN
- Participated in committee meetings.
- Assisted in events held by the organisation which included sponsored Training Programs, Tech Community Meetups and Panel Discussions pertaining to the IT sector in Nepal.
- During my tenure, we also expanded our organization to include students and colleges of Computer Science throughout Nepal by establishing regional units of our organization.

Skills

- **Computer Science:** Data Structures and Algorithms, Machine Learning, Artificial Intelligence, Linear Algebra,
- **Programming:** Python (preferred), Javascript, L^AT_EX
- **Technologies:**
 - **Web Frameworks:** Flask, Django
 - **JS Frameworks:** Vue.js, TradingView
 - **Databases:** PostgreSQL
 - **Systems:** Linux, Docker
 - **DevTools:** git, tmux, Makefile
- **Teaching:** I’ve given several classes and tutorials to students and interested audiences.
- Discovering and implementing new ideas. Give me an API and a problem and I will figure it out.
- Background in Math, Computer Science, allows me break down problems and find solutions.
- I can learn and adapt to a new discipline, area or environment and get results quickly.

Education

- **Tribhuvan University**

Kathmandu, Nepal

BSc. Computer Science and Information Technology

2014 - 2018

- Took courses in Computer Programming, Data Structures & Algorithms, System Analysis and Design, Computation Theory, Artificial Intelligence, Statistics and Machine Learning
- The final year project was an android application for Algorithm Visualization.

- **Capital Higher Secondary School**

Kathmandu, Nepal

High School Certificate

2010 - 2012

- Studied Physics, Mathematics, Computer Science

- Participated in Annual Science Exhibitions. Notable exhibit - 'High Voltage Show' which included a Tesla Coil Disco Ball, Jacob's Ladder, a Makeshift Oscillator along with a display of various High Voltage Components used in machines around us.
- Founding Member of an IT Club

- **Lalitpur Secondary Boarding School**

Lalitpur, Nepal

School Leaving Certificate

2010

- Participated in Annual Science Exhibitions. Notable exhibit - A remote-controlled robot that drilled and extracted fluids from underground.

Participation in Workshops and Conferences

- **THREAT CON 2019**

Kathmandu, Nepal

ThreatNix Pvt. Ltd.

31 Aug 2019

- A local-level cybersecurity conference.
- Participated in CTF(Capture The Flag) competition at the event with a team

- **Youth Leadership Forum training**

Lalitpur, Nepal

International Community Development Foundation (ICDF), American Embassy 5 - 7 June 2019

- Key themes of the training were: 21st Century Leadership, Self-Exploration, Resource Exploration, and Enterprise Building

- **Nepal Internet Governance Forum 2018**

Lalitpur, Nepal

Internet Governance Forum, Nepal Chapter

2-3 Nov 2018

- Carried out discussions regarding Internet usage, safety, and policy

- **Open Data Hackathon - 2015**

Kathmandu, Nepal

Open Data Nepal

7 March 2015

- With a team, presented a prototype project called 'Prakriya' which offers easy information about administrative processes in Government Offices. I was responsible for extracting data from pdf files.

- **Yantra 1.0 - National Robotics Competition**

Kathmandu, Nepal

Robotics Association of Nepal

20-21 July 2012

- Volunteered