

Labin Ojha

Software Developer and Team Lead at PitechInfo
<https://github.com/leabstrait>

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Work Experience

- **Pi Tech Info Pvt. Ltd.** Kathmandu, Nepal
Software Team Lead December 2021 - current
 - 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, VueJS, TradingView
- **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.
 - Developed a browser extension for automation of form filling via fetch from a remote resource.
- **Sudreeshya IT Training Academy** Kathmandu, Nepal
Python Instructor Jan 2020 - Feb 2020
 - Delivered a course in Python programming to 3rd-year college students
- **Innovative Engineering and Construction Technologies Pvt. Ltd.** Kathmandu, Nepal
Information Systems Officer Feb 2018 - Dec 2019
 - Managed and oversaw the development of their websites and mobile apps
 - Maintained and Monitored the organisation’s ERP software(Bitrix24) and other computing and network equipment
 - Tested and evaluated new technologies
 - Proposed hardware/software solutions to accomplish the company’s business objectives
 - 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
- **CSIT Association of Nepal** Kathmandu, Nepal
Executive Member 2015 - 2016
 - Participated in committee meetings
 - Assisted in events held by the organisation

Skills

- **Numerical Analysis and Computer Science:** Machine Learning, Data Mining, Optimization, Computational Science, Artificial Intelligence, Linear Algebra, Monte Carlo Methods, ODEs, PDEs, Iterative Methods, Parallel Programming, Distributed Systems, Data Structures
- **Public Speaking:** I’ve given several hundred technical talks to audiences at machine learning conferences, Fortune 500 boards, and beyond.

- **Development:** Python (preferred), C/C++, CUDA, JavaScript, \LaTeX
- **Technology:** MapReduce, numerical libraries, web frameworks, databases, linux, git, vim, tmux
- Discovering and implementing new ideas. Give me an API and a problem and I will figure it out.
- Diverse background in Math, Computer Science, Physics and Biology allows me to communicate to a wide scientific and general audience and begin contributing to any group immediately.
- I have worked in many places in a myriad of fields. I can readily learn and adapt to a new discipline, area or environment and start pushing real 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 Science Exhibitions
 - Founding Member of an IT Club
- **Lalitpur Secondary Boarding School** Lalitpur, Nepal
School Leaving Certificate 2010
 - Participated in Science Exhibitions and other extracurriculars

Participation in Workshops and Conferences

- **ThreatCon 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**
Robotics Association of Nepal
 - Volunteered

Kathmandu, Nepal
20-21 July 2012