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, 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. The sites had features like: managing downloadable content, create and update notices and blog posts, KYC forms
    * '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.

- **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, Opertaion and Troubleshooting of computing and network equipments 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
  - 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*
  - Built and wrote content for their very first website - CSITAN
  - Participated in committee meetings
  - Assisted in events held by the organisation

Skills

- **Computer Science:** Machine Learning, Artificial Intelligence, Linear Algebra, Data Structures

- **Programming:** Python (preferred), Javascript, LaTeX

- **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 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

- **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