

Labin Ojha

Software Developer and Team Lead at PitechInfo

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Work Experience

- **Pi Tech Info Pvt. Ltd.** Kathmandu, Nepal
Software Developer 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 for multiple revenue streams for the company while having to maintain a single codebase. It had features like:
 - * Integration with Stock Market Data and Stats API
 - * Managing downloadable content
 - * Creating and updating notices and blog posts
 - * User Registration System that integrated with the Nepal Stock Exchange **Trading Management System**
 - List of stockbrokers using the framework:
 - * **Premier Securities**
 - * **Sweta Securities**
 - * **Malla & Malla Stockbroking Co.**
 - * **Siprabi Securities**
 - * **Kumari Securities**
 - 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.
- **LogicVent Technology Pvt. Ltd.** Bhaktapur, Nepal
Software Developer Sep 2017 - Present
 - Startup founded with friends with aim to gain clients while also working on internal projects.
 - Backend Developer for in house and client projects.
- **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 the 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 3 member team(Team 168) - Rank #7 / #21
- **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.

References

- **Bimod Dev Panta** Kathmandu, Nepal
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