

# Labin Ojha

Looking for growth opportunities in tech

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## Work Experience

*Currently on a career break from September 2022 due to relocation to the UK for my partner. In this time I have been taking up various non-tech jobs. I am actively looking to get back into software development and brushing up on my skills in the meantime.*

- **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.
- **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,  $\text{\LaTeX}$
- **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.
- My background in Computer Science, gives me the tools and the mindset to 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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