

## Personal Information

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## Work Experience

### Pi Tech Info Pvt. Ltd.

- Location: Kathmandu, Nepal

- Position: Software Developer
- Date: December 2021 - September 2022
- Responsibilities:
  - 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 break even after about 4 months of launch.

## **Beta Analytics Pvt. Ltd.**

- Location: Kathmandu, Nepal
- Position: Software Developer
- Date: February 2020 - September 2021
- Responsibilities:

- 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.
- Developed a browser extension to automate filling up forms.

## Sudreeshya IT Training Academy

- Location: Kathmandu, Nepal
- Position: Python Instructor
- Date: January 2020 - February 2020
- Responsibilities:
  - 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.

- Location: Kathmandu, Nepal
- Position: Information Systems Officer
- Date: February 2018 - December 2019
- Responsibilities:
  - 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 the operation costs of the organization.
  - Documented & Reported findings and observations for Business Process Optimization.

## **Bajra Technologies Pvt. Ltd.**

- Location: Kathmandu, Nepal
- Position: Software Development Intern
- Date: September 2017 - December 2017
- Responsibilities:
  - 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**

- Location: Kathmandu, Nepal
- Position: Executive Member
- Date: 2015 - 2016

- Responsibilities:
- Built and wrote content for their very first website - CSITAN
- Participated in committee meetings.
- Assisted in events held by the organization which included sponsored Training Programs, Tech Community Meetups and Panel Discussions about 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, LaTeX
- Technologies:
- web\_frameworks: Flask, Django
- js\_frameworks: Vue.js, TradingView

- databases: PostgreSQL
- systems: Linux, Docker
- dev\_tools: git, tmux, Makefile
- Teaching: I've given several classes and tutorials to students and interested audiences.
- Other:
- 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

- Location: Kathmandu, Nepal
- Degree: BSc. Computer Science and Information Technology

- Date: 2014 - 2018

- Details:

- 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

- Location: Kathmandu, Nepal

- Degree: High School Certificate

- Date: 2010 - 2012

- Details:

- 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

- Location: Lalitpur, Nepal
- Degree: School Leaving Certificate
- Date: 2010
- Details:
  - 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

- Location: Kathmandu, Nepal

- Organizer: ThreatNix Pvt. Ltd.
- Date: 31 Aug 2019
- Details:
  - 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

- Location: Lalitpur, Nepal
- Organizer: International Community Development Foundation (ICDF), American Embassy
- Date: 5 - 7 June 2019
- Details:
  - Key themes of the training were: 21st Century Leadership, Self-Exploration, Resource Exploration, and Enterprise Building

## Nepal Internet Governance Forum 2018

- Location: Lalitpur, Nepal
- Organizer: Internet Governance Forum, Nepal Chapter
- Date: 2-3 Nov 2018
- Details:
  - Carried out discussions regarding Internet usage, safety, and policy

## Open Data Hackathon - 2015

- Location: Kathmandu, Nepal
- Organizer: Open Data Nepal
- Date: 7 March 2015
- Details:

- 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 - Pitech Info Pvt. Ltd. (Kathmandu, Nepal) - Contact: +977 9849895805 - Email: [bdevpanta@gmail.com](mailto:bdevpanta@gmail.com), [connect@pitechinfo.com](mailto:connect@pitechinfo.com)
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