

Pramod Khatiwada

Software Engineer

✉ pramodkhatiwada03@gmail.com ☎ +977 9860260878 🌐 <https://pramodkhatiwada.com.np>

Work Experience

Sense N Respond @ Backend Engineer

2024 - Current

- Working on All Things API (ATA)
- Working on API Studio (app to create API using AI)
- Proficient in utilizing JavaScript, NodeJS, Serverless, MongoDB

Seva Development @ Software Engineer

2022- 2023

- Engineered a Multi-tenant Web Application for the US-based startup Woobie
- Played a key role in the development of an influencer Marketing Platform for the US company Heartbeat.
- Designed and implemented a Data Pipeline in ElasticSearch and LogStash
- Successfully integrated Facebook Graph API
- Proficient in utilizing Python, Django, FastAPI, Laravel, AWS

Uptrendly Media Pvt. Ltd. @ Software Engineer

2020-2022

- Lead and communicate effectively with a part-time team, consisting of DBA and Front End Developer.
- Develop and deploy APIs, overseeing their management in both staging and production environments
- Implement additional features into an existing web application
- Develop a new user interface using VueJS and seamlessly integrate APIs.
- Proficient in PHP, Laravel, SQLServer, VueJs, AWS

Web House Nepal @ Web Developer

2019 - 2020

- Develop, deploy and maintain websites and web applications
- Skilled in PHP, Laravel, Codeigniter (CI) and JavaScript

Education

Master's In Data Science

2023

- TU School Of Mathematical Science (Tribhuvan University)

Bsc. Computer Science And Information Technology (CSIT)

2020

- Tribhuvan University

Data Science

Devanagari Character Recognition

- Ensemble based Efficient Net Model created and trained
- 46 different class of image is classified with 98% of accuracy
- Model is trained using A 100 GPU Paid Google Colab
- Flask app is developed to draw character in canvas
- Model is Integrated in Flask app to predict the character

Chat with pdf using LLMs (Zigyasha)

- Generate embedding of act of nepal (eg. Labour Act, Company act)
- Used Vector data base ChromaDB, FAISS
- Served Model and Using FastAPI
- Check it out online in <https://zigyasha.com>

Stock Price Forecasting

- LSTM model is trained for different stock listed in NEPSE
- Model have forecasted price are very close to actual prices in test data

Other Related Exposures

- Models created using Linear Regression, Logistic Regression and Clustering Algorithms
- In depth Knowledge about ANN and DL
- Familiar with Hadoop, Graph Database (Neo4J)
- Strong Knowledge on Linear Algebra, Frequency and Bayesian Statistics
- Aware of latest ground breaking algorithms such as Transformer, ViT, SwinTransformer
- In depth Knowledge about ANN and DL
- Years of work experience in Python and SQL, Familiar with R, Java, C++

Teaching

Himalayan College Of Management (HCM)

- Programming Fundamentals. (BCSIT)
- Programming Language (MIT)

Skills

- | | |
|--------------|------------------------|
| • Python, | • SQL Server |
| • Java | • React, VueJS (Basic) |
| • JavaScript | • MySQL |
| • Numpy | • FastAPI |
| • Pandas | • DRF |
| • PHP | • Laravel |
| • AWS | • Postgres |