

PRABESH NEPAL

UNIVERSITY UNDERGRAD

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SUMMARY

I'm a curious and motivated learner with a passion for solving real-world problems using code. I've been diving into machine learning, data science, and web development, building projects that let me explore both creativity and logic. Whether it's analyzing data, building predictive models, or developing web apps with Django, I enjoy working on ideas that make an impact. I love collaborating, learning from others, and turning challenges into opportunities—especially in fast-paced environments like hackathons.

EDUCATION

TRIBHUVAN UNIVERSITY (2079 - Present)

Bachelor of Science in Computer Science and Information Technology

SOFT SKILLS

- *Linux*
- *Structured Query Language (SQL)*
- *Statistics*
- *Good communication skill*
- *Able to work in a team*
- *Great problem solving skill*

TECH SKILLS

- *Frontend (HTML, CSS, JS)*
- *Backend (Django + DRF)*
- *Data Science (NumPy, Pandas, Matplotlib, SciPy)*
- *Machine Learning (Scikit-Learn)*
- *App-Dev (Dart + Flutter)*

Projects

1) Chatter - Chatting WebApp (<https://chat-app-vtpp.onrender.com/>)

- *Private (one-to-one) chat and group chat*
- *Real-time messaging with WebSockets*
- *Voice message recording and playback*
- *Peer-to-peer voice calls (WebRTC)*
- *Admin panel for user management*


2) Donation Management System (<https://donation-system-uwvm.onrender.com>)


- Supports registration for donors, beneficiaries and admins
- Role-based access control
- Real time dashboard analytics on funds of organization
- Profile section for fund analysis and it's status

3) Spam-detection (bit.ly/3GxeJ3V)

- Model that takes any message and predicts whether it is spam or not.
- ML model trained using Support Vector Classifier(SVC).
- One-hot encoding of labels and text processing with **TfidfVectorizer**.


Contact

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