

Binit Nepal

Web Developer

📍 Kathmandu, Nepal 📞 +977 9864451079 📧 beenet.nepal123@gmail.com 🌐 <https://binitnepal.com.np>

Profiles

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Summary

Full-stack developer and AI enthusiast with hands-on experience in Odoo ERP, multi-tenancy system design, and AI-powered web applications. Skilled in Python, JavaScript, React, and machine learning tools (TensorFlow, LangChain).

Experience

Debugsoft Private Limited

May 2025 - Present

Web & Systems Developer (Odoo)

Lalitpur, Nepal

 <https://www.dibugsoft.com/>

- Designed and developed a **Student Receipt module** in Odoo for streamlined student fee payment processing across **multi-campus institutions**.
- Architected a **multi-tenancy Odoo system** serving multiple campuses under subdomains unified under a single API differentiated by tenant ID.
- Customized the **Odoo Accounting module** to align with institutional financial workflows, significantly improving reporting accuracy and transaction traceability.
- Managed full **Linux-based deployment stack**: configured **Nginx reverse proxy**, handled **SSL/TLS certificates**, and automated **systemd services** for campus-specific Odoo instances.

Quintpros Technology

December 2024 - March 2025

Web Developer

 <https://quintpros.com/>

- Built **AI-powered web applications** using Django, React.js, and TensorFlow, integrating custom ML models for dynamic user experiences.
- Developed a **CMS-based chatbot** using LangChain to enhance content delivery and user engagement.
- Integrated RESTful APIs for secure document storage, access control, and real-time retrieval.
- Optimized UI performance for handling large document datasets with smooth responsiveness.

Code Point Nepal

Sep 2023 – Oct 2024

Web Developer

Kathmandu, Nepal

- Developed an **e-learning platform** using Next.js with personalized learning paths and progress tracking.
- Built interactive quizzes and real-time collaboration tools using **WebSockets**.
- Optimized CI/CD pipelines and used data analytics to improve student engagement and platform scalability.

Education

Tribhuvan University, New

Nov 2019 – Jul 2024

Summit College

BSc. CSIT – Computer Science and Information Technology

Skills

Languages:

Python, JavaScript, TypeScript

AI/ML:

Pandas, NumPy, Scikit-learn, TensorFlow, LangChain, LLMs

Web:

React, Next.js, Django, HTML/CSS, Tailwind CSS, Redux, Ant Design

Databases:

PostgreSQL, MongoDB, SQL Server