

Prashant Baral

LinkedIn: <https://www.linkedin.com/in/prashantbaral1/>

Github: <https://github.com/Prashant-Baral>

Email: baralprashant09@gmail.com

Mobile: +91 6239715423

SKILLS

Languages: C++, Python, C

Tools/Platforms: Django, FastAPI, Docker, PostgreSQL, PowerBI, SQLAlchemy

Soft Skills: Problem-Solving, Team Player, Adaptability

PROJECTS

Smart Todo WebApp | [Link](#)

May' 24

- Built a full-stack Todo management system with FastAPI to streamline task organization and provide users with a fast, scalable productivity backend.
- Engineered the backend with PostgreSQL + SQLAlchemy ORM, Pydantic validation, modular routing, dependency injection, and added pagination, filtering, and optimized query patterns for high-volume task lists.
- Implemented secure JWT-based authentication for user-specific tasks and improved task workflow efficiency, resulting in a 30% increase in user task completion.

DareDex | [Link](#)

Apr' 24

- Built a campus-focused dare-exchange platform enabling users to create, accept, and complete challenges in a structured and trackable workflow.
- Developed the system using Django MVT, session-based authentication, CRUD modules for dares and profiles, access control, form validation, and ORM-driven data operations with Django templates.
- Added an activity feed and lightweight notification system that increased user interaction and dare completion engagement by 20% across participating groups.

Electric Vehicles Insights Dashboard | [Link](#)

Jun' 23

- Developed an analytics dashboard to analyze EV adoption trends, manufacturer distribution, and segment-wise growth for clear data-driven decisions.
- Cleaned and modeled the dataset using Power Query, standardizing fields and designed interactive visualizations for market share, vehicle-type distribution, and year to year growth trends.
- Automated refresh workflows and implemented calculated insights (top manufacturers, fastest-growing segments, state-wise EV density), cutting manual analysis workload by 80%.

TRAINING

W3Grads - Full Stack with AI agents

Jun' 10 – Jul' 30

- Developed backend features using Django MVT, implementing authentication, CRUD operations, and REST APIs with Django REST Framework.
- Worked with production-ready patterns including modular project structure, pagination, form validation, and reusable templates, preparing the app for deployment.
- Integrated PostgreSQL with Django ORM, optimized query performance by 20%, and applied role-based access control for secure data handling.

CERTIFICATES

FastAPI Advanced | Udemy | [Link](#)

Nov' 25

Cloud Computing | NPTEL | [Link](#)

Nov' 25

The Bits and Bytes of Networking | Coursera | [Link](#)

Apr' 24

Computer Communications | Coursera | [Link](#)

Mar' 24

EDUCATION

Lovely Professional University

Phagwara, Punjab

Bachelor of Technology

Aug' 23 – Present

Computer Science and Engineering; CGPA: 8.45

Sagarmatha College

Pokhara, Nepal

Intermediate

Jun' 21 – Jun' 23

NEB; Percentage: 91%

Tarakunj Secondary School

Pokhara, Nepal

Matriculation

Apr' 20 – April' 21

Percentage: 100%