

Prajwal Chaudhary

Junior Full Stack Developer

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Professional Summary

Full stack developer with experience in building SaaS and modern web applications using REST APIs, JWT auth, Django, Flask, PostgreSQL and React Frontends.

Technical Skills

Languages: Python, JavaScript, C++, SQL

Frontend: React.js, JavaScript (ES6+), Typescript, HTML/CSS, Tailwind CSS, Axios, Responsive Design

Backend: Django, Django REST Framework, Flask, Fast API, Node.js/Express.js, RESTful APIs, JWT Authentication

Databases & Admin: PostgreSQL, Django Admin (customization), Database design

Tools & Workflow: Git/GitHub, Django Admin, Virtual Environments, Jupyter Notebook / Google Colab

AI/ML (additional): TensorFlow, Keras, PyTorch, OpenCV, Scikit-learn, NumPy, Pandas, YOLOv9, HuggingFace

Experience

Junior Full Stack Developer, Dristi AI – Gaushala, Kathmandu Feb 2026 – present

- Build and maintain full-stack features across both frontend and backend of the company's production website, working within a cross-functional team.
- Developed a dynamic project portfolio module and a training/courses admin panel with integrated gallery management.
- Currently building Dristi LMS, a learning management system for organizations and solo teachers, working across the full stack.

Full Stack Developer Intern, Dristi AI – Gaushala, Kathmandu Aug 2025 – Jan 2026

- Developed a subscription management system with Django REST Framework and React.js for plan browsing, purchase, activation/deactivation, and auto-renewal tracking.
- Developed an internal employee time tracking system (project manager) for employees and project managers.

Full Stack Projects

Subscription Management System Aug 2025 – Sept 2025

- *Developed during the Full Stack Developer Internship at Dristi AI*
- Built a Django REST Framework backend with JWT authentication, token refresh, layered permissions, and a customized Django admin.
- Implemented the full subscription lifecycle: plan browsing, purchase, activation/deactivation, and auto-renewal tracking.
- Built a React.js SPA with Axios interceptors, dynamic plan management, and a mobile-responsive UI.
- [GitHub](#) | [Demo video](#)

Employee Time Logging & Logsheet System

Sept 2025 – Oct 2025

- *Developed during the Full Stack Developer Internship at Dristi AI*
- Project Manager — built a Django REST Framework backend with JWT auth for a dual-role (Employee/Manager) time tracking system: employee check-in/check-out, break logging, and daily logsheet submission with JIRA key integration.
- Designed a manager dashboard for approving/rejecting logsheets with employee work-status and attendance statistics; led the project as Project Manager, coordinating scope, features, and delivery.
- [GitHub](#) | [Demo video](#)

Additional Project Applied Machine Learning

Plastic Detection & Classification — A Hybrid Approach

Jan 2025 – July 2025

- Built a Flask web app (photo upload + live webcam inference) around a two-stage YOLOv9 + CNN pipeline (95.77% precision / 97.04% recall / 90.92% mAP@50-95 for YOLOv9; 98.4%+ precision/recall/F1 for CNN), published in the [JACEM journal](#) and used as the software foundation for the TrashVision hardware project (3rd place, Yathartha 2025).
- [GitHub](#) | [Demo video](#) | [Report](#)

Education and Certifications

IOE Thapathali Campus, BE in Computer Engineering – Kathmandu, Nepal

July 2022 – July 2026

- Average Percentage: 78% | Coursework: Web Development, Database Systems, OOP, DSA, ML, Software Engineering.
- Certifications: [Responsive Web Design](#) and [Frontend Development Libraries](#) — freeCodeCamp.