PRAKASH TAJPURIYA

Developer (Django + FastAPI + React.js + MySQL/PostgreSQL/MongoDB)

Nepal | +977-9824946516 | code.ing2468@gmail.com

Website: www.prakashtajpuriya.com.np

LinkedIn: linkedin.com/in/prakash-tajpuriya-7b6663252

GitHub: github.com/prakashtaz0091

TECHNICAL SKILLS

Languages: Python, JavaScript (ES6+), TypeScript, HTML5, CSS3, C, C++

Backend: Django, Wagtail, Django REST Framework, FastAPI, SQLite, PostgreSQL, MongoDB

Frontend: React.js, Redux Toolkit, Tailwind CSS, Material UI

Tools: Git, Docker, Nginx, Postman

DevOps/Hosting: Heroku, Vercel, Netlify, Hetzner, GitHub Actions

Others: JWT Auth, WebSockets, REST API, MVC & MVT, API integration, AI & ML (beginner-level)

PROFESSIONAL EXPERIENCE

Full Stack Developer

Darse Technologies

Jan 2025 – Present (Remote)

1. Developed REST APIs using FastAPI and MongoDB for scalable microservices, and implemented those in Frontend using React.js, Redux Toolkit , Kepler.gl , Material UI, indexed DB etc.
2. Implemented secure user authentication, efficient data fetching, and pagination.
3. Wrote clean and maintainable code following PEP8 and REST standards.
4. Attended client meetings

Freelance Full-stack Developer

2023 – Present

1. Built multiple full-stack projects using Django and React.js like School Management System, Classified Site, CMS.
   URLs: Navodaya CMS, Adjeem Classified, Deskrocket School Management System
2. Created reusable components, dynamic REST APIs, and handled full deployment pipelines.
3. Optimized performance for better load time and user experience.
4. Actively maintaining personal portfolio and demo projects for clients and learning purposes.

EDUCATION

- Bachelor of Science in Computer Science and Information Technology (B.Sc.CSIT)
- Tribhuvan University (Graduation: 2025)
- Core Courses: Data Structures, Operating Systems, Software Engineering, Web Development
- Academic Projects: E-commerce System, School Management System, Face Recognition Attendance System

PROJECT HIGHLIGHTS

- **Portfolio Website**
    1. Designed and developed personal portfolio using React.js and Tailwind CSS
    2. Fully responsive design and SEO optimized
    3. Deployed via github pages and cloudflare
       URL: www.prakashtajpuriya.com.np

- **School Management System (Multi-school Support)**
    1. Role-based system (Admin, Teacher, Student) with authentication and authorization
    2. Managed classes, assignments, attendance, and report generation
    3. RESTful API backend with a responsive frontend
       URL: https://deskrocket.netlify.app/

- **Face Detection Attendance System**
    1. Built using Python, OpenCV, and face_recognition libraries
    2. GUI built with Tkinter, data stored in SQLite
    3. Real-time recognition with CSV export functionality

CERTIFICATIONS AND TRAINING

1. Django (Self-learning)
2. React.js – (Workshop by Mechi Multiple Campus and self learning)
3. Cyber Security and Ethical Hacking (Workshop by Mechi Multiple Campus)
4. Self-learning AI/ML with focus on Retrieval Augmented Generation (RAG) and CAG

LANGUAGES

1. Nepali (Native)
2. English (Professional)
3. Hindi (Fluent)

STRENGTHS

1. Strong foundation in full-stack web development
2. Fast learner with a passion for clean, scalable code
3. Experience working on real-world projects and deploying production-ready applications
4. Excellent debugging and problem-solving skills
5. Documentation and Presentation