Abinash Nath PANDEY

Kathmandu – Nepal | +977–9843818328 | abinashnathpandey@gmail.com | **LinkedIn** | **GitHub**

A computer engineering who is enthusiastic about utilizing ML automation, FullStack web development, and Mobile app. Deep experience on React, Laravel, Python with Django, React Native, etc., by experiencing in productive way for seamless UI/UX. Always intend to learn new tools and being part of impactful tech projects. Collaborative team work with focus on RESTful APIs, Database integration, and clean, efficient coding. Energetic to apply technical skills and continuously by digital solutions.

Work Experience

WEB DEVELOPER (ENTRY LEVEL DEVELOPER) – LARAVEL PROGRAMMING LANGUAGE | ROBUST INFORMATION TECHNOLOGY | SEP 2024 – DEC 2024

- Scalable web apps with reusable components along with authentication methods and APIs.
- Increased performance by 80% through optimizing DB queries.
- Worked in agile team for developing features, debugging, deploying issues.

Education

BE | APRIL 2025 | KATHMANDU ENGINEERING COLLEGE – KATHMANDU

- Computer Engineering

NEB | APRIL 2018 | PRASADI ACADEMY – LALITPUR

- 10 + 2

SLC | JUNE 2016 | N.K. SINGH MEMORIAL E.P.S. HIGH SCHOOL – KATHMANDU

- Class 10

Skills

- **Programming Languages** – Python, C, C++.
- **Web and Mobile Development** –HTML-5, CSS-3, JavaScript, TypeScript, Boot-Strap, Tailwind CSS, React JS, Django, PHP, Laravel, MySQL, React - Native.
- **Source-Code Management** –Git, GitHub, GitLab, GitHub Pages.
- **Data Analytics** – Pandas, NumPy, Jupyter Notebook, Matplotlib.
- **Machine Learning:** Scikit-learn, TensorFlow, Keras, OpenCV, MediaPipe
- **Cloud Computing** – AWS fundamentals.
- **Operating systems** – Windows 7/10/11.
- **Office 365** – Skill on Word (Excel, PowerPoint, Team).

Projects

MACHINE LEARNING – PERSONAL TRAINER USING HUMAN POSE VISUALIZATION | 2022 – 2023 | GitHub

- **Pose Estimation** – To detect and track human body joints movement while exercising.
- **Provide feedback** – Instant corrective cues alignment and Improvement.
- **Visual Overlays** – Render Keypoints and skeleton lines for motion accuracy.
- Track by using Python, OpenCV, Mediapipe, NumPy which Squats, Puh-Up, Sit-Up, Bicep-Curls with motion feedback.

MOBILE APPLICATION – SIKSHALAYA | 2023 – 2024 | GitHub
- **Cross-Platform Mobile Learning Platform** – Offer materials (videos, notes, quizzes) for students by mobile devices including offline capabilities with Kotlin.
- **Real-Time Interaction** – Provides forums and live chat for concurrent interaction, with live quizzes and tests for monitoring progress.
- **Technology Architecture** – Used by Kotlin and Android Studio with Angular and .NET Core Web API potentially as web components and backend services.
- **Key Features** – Include offline persistence, real-time communication infrastructure.

LARAVEL FRAMEWORK – CAMBRIDGE JOB PORTAL | 2024 SEP – 2024 DEC | GitHub
- Developed a job portal web application using Laravel, with **Authentication**, job postings, and role-based access for job applicants and employers.
- Implemented **CRUD operations** for user profiles, job postings, and application using blade templating and Eloquent ORM.
- Implemented search and filter features, and email notifications for application status and job alerts.
- Improved performance & security using middleware, validation, and database query optimization.

MERNSTACK DEVELOPMENT – E-COMMERCE (E – STORE) | 2025 | GitHub
- Developed E- Store, a full-stack **E-commerce web application** using the MERN stack with secure authentication and role-based access (Admin/User panel).
- Implemented Razor pay payment gateway integration for seamless online transactions.
- Built product management, order tracking, and user dashboard features with a responsive UI for smooth shopping experience.

Personal Interests

- **Hobbies**: Photography, Travelling, PC Games, Gardening, Nature Lover.
- **Languages**: English, Nepali.

Declaration

I hereby declare that the above-mentioned information is correct to the best of my knowledge and belief.

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