

# ABINASH NATH PANDEY

## Computer Engineer

☎ +977 9843818328    @abinashnathpandey@gmail.com    📍 Kathmandu-Nepal    in [LinkedIn](#)    📄 [GitHub](#)    🌐 [Website](#)

## EXPERIENCE

### Robust Information Technology

Laravel Developer

📅 SEP 2024 – DEC 2024    📍 Kathmandu (Onsite)

- Redesigned project from scratch handling job listings, company profiles and user management.
- Implementing authentication, role-based access control, and real-time notification with emails for user and companies.
- Built scalable apps with Laravel and Node.js, optimized APIs, performed high-level debugging, and boosted performance by 30%.
- Implementing search, filter, and pagination features.

## TECHNICAL SKILLS

### • Programming Languages

- Python, C, C++

### • Frontend & Backend Technologies

- HTML CSS, JS, GSAP, Locomotive Scroll, Tailwind CSS
- React JS, NEXT JS, Context API, Zustand, React
- Express JS, Node JS
- MongoDB, MySQL

### • Version Control

- Git, GitHub

### • Cloud Platforms

- Vercel, Netlify

### • Other Tools

- Postman, JWT, RESTful APIs, Authentication

## EDUCATION

### B.E. in Computer Engineering (KEC)

📅 2019 – 2024 (Bachelor Degree)

### Prasadi Academy (10+2)

📅 2016 – 2020 (NEB Degree)

### B.E. Singh Memorial EPS School

📅 Till 2016 (SLC Degree)

## CERTIFICATIONS

- |                                  |                |
|----------------------------------|----------------|
| • Python & Django                | July 2024      |
| • Full Stack Developer           | September 2024 |
| • MERN Stack Developer           | January 2025   |
| • React JS                       | March 2025     |
| • Data Science & Ethical Hacking | June 2025      |

## PROJECTS

### MACHINE LEARNING

Personal Trainer using Human Pose Visualization Pose Estimation |Visual Overlays |Provide Feedback

- Detect and track human body joints movement during exercising.
- Instant corrective cues alignment and Improvement.
- Render keypoints and skeleton lines for motion accuracy.
- Uses OpenCV, NumPy, Mediapipe, as dependencies.
- It detects Push-Up, Sit-Up, Bicep-Curls with motion feedback.
- GitHub: [Repository](#)

### ANDROID APPLICATION

Sikshalaya |Learning App |From Grade 1 to 10 | Videos with documents |Study Notes |Angular |Android Studio |Swift

- Mobile App enhancing education in Nepal with specific materials and interactive features like discussion form.
- Leveraged e-learning tools to provide personalized, multimodal, and outcome-focused learning experiences.
- Focused research on education technology trends.
- Conducted research on educational technology trends emphasizing mobile-based immersive learning and future development opportunities.
- GitHub: [Repository](#)

### JOB PORTAL

Laravel | PHP | MySQL | Tailwind CSS

- Built a responsive job portal where admin is head and author is head for job listing.
- Laravel blade file is used for constant familiarity in code and routes file for next page with pagination
- Delivered a user-friendly interface with Tailwind CSS and seamless trailer playback for enhanced user engagement.
- GitHub: [Repository](#)

### E-COMMERCE WEBSITE – MERN

E-Store |Razor-pay payment | MERN website

- Management, cart, orders, admin, user authentication and Otp verification on mails.
- Used Zod Schema, z, models, and payment integration.
- Used hooks and email validation with API with other responsive and backend authentication.
- GitHub: [Repository](#)

### MUSIC TEXT PLAYER

Python |Django | Entertainment

- It plays many mp3 songs with logo as images.
- Uses database as Database Sq-lite and local storages.
- GitHub: [Repository](#)