Dipesh Shrestha

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Career Objective

Enthusiastic Backend developer with 3 months of experience eager to apply problem-solving skills and continue learning in a fast-paced, collaborative environment.

Professional Skills

Frontend	: HTML, CSS, Javascript, TypeScript, React.JS, Next.JS, MUI, Shadcn
Backend	: Node.JS, Flask, Express, Php, Sanity
Database	: SQL, NoSQL
ML	: TensorFlow, PyTorch, Kaggle, Roboflow
Tools/Other	: Git, Linux(Arch Linux), Neovim, Kitty, Tmux, BitBucket

Education and Trainings

Bachelor in Computer Application (BCA): 7th Semester
Prime College, Nayabazar, Kathmandu

- Full Stack Development Using MERN- 60hour
- Master Rest APIs in Node JS

Experience

Backend Intern   *July 2021-September 2021*
Pulchowk Campus

- Developed a PHP-based attendance system with fingerprint and webcam identification for secure exam tracking during COVID-19.
- Integrated biometric authentication (fingerprint and webcam) for contactless, secure attendance.
- Enabled social distancing by eliminating physical interactions through secure biometric verification.

Projects

MonoSave   *september 2024-present*

- Developed multiple APIs with PostgreSQL, Prisma, Express, and Node.js for a collaborative SaaS project, focusing on backend services, database management, and API performance. Currently working on an upcoming expense tracker application.
  NextJs, Node, Express, Postgres, Prisma.

Food Allergen Detection   *june 2024 - present*

- Implemented AI-based food allergen detection and classification using a ResNet50 CNN (87% accuracy) and YOLOv8 (81% accuracy).
  React, Node, Express, Tensorflow, Flask, Postgres, Prisma.
  https://github.com/DipS1017/FoodAllergenClassification

E-Commerce   *april 2024- june 2024*

- Developed a secure full-stack e-commerce platform with user authentication, protected routes, and an admin dashboard for dynamic product and CMS management.
  React, Node.js, Express, MongoDB,
  https://github.com/DipS1017/E-commerce-MERN

References

Amit Sthapit
Program Coordinator: BBS - Prime College
9851139479