

Subodh Dhamala

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 Bhaktapur, Nepal

 GitHub

 LinkedIn  Portfolio

SUMMARY

Backend-focused developer specializing in scalable web applications using Node.js, Express.js, and PHP. Experienced in designing RESTful APIs, implementing authentication systems, integrating machine learning services via FastAPI, and building full-stack MERN applications. Seeking junior backend or full-stack developer roles in growth-driven engineering teams.

TECHNICAL SKILLS

Backend

Node.js, Express.js, PHP, FastAPI

Databases

MongoDB, MySQL, PostgreSQL

Data & Analysis

NumPy, Pandas, Matplotlib, Seaborn

Concepts

RESTful APIs, Authentication & Authorization, CRUD, MVC Architecture, Database Schema Design

Frontend

React.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS

Languages

JavaScript, PHP, Python, Java

Tools

Git, GitHub, Postman, Linux

PROJECTS

GreenBidu - Crop Disease Detection Platform

- Developed a full-stack crop disease detection web app for real-world agricultural use.
- Integrated machine learning inference service via FastAPI for image-based disease prediction.
- Designed RESTful APIs for image upload; structured MongoDB schema for users and predictions.
- Built responsive frontend with React and Tailwind CSS.

Mero Karma - Project & Task Management System

- Built a task management platform with JWT-based authentication and role-based authorization.
- Designed scalable CRUD architecture for projects with nested task hierarchies.
- Implemented structured Express.js controllers and clean RESTful routing.
- Optimized MongoDB schema for performance and relational consistency.

Expense Tracker - Financial Management Application

- Built a secure expense manager with session-based auth and user-level data isolation.
- Designed normalized relational schema; integrated pie chart analytics for spending insights.

TrustMeBro - News Aggregator

- Aggregated live news via external APIs with async fetching and robust error handling.
- Built responsive UI with category filtering and real-time search.

EDUCATION

Bachelor of Information Technology, Bhaktapur Multiple Campus, Nepal

2023 – Present