

KAILASH BADU

Backend Developer

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PROFESSIONAL SUMMARY

Web Developer with 2.5+ years of experience building static and dynamic websites using PHP, HTML, CSS, JavaScript, and WordPress. Experienced in customizing themes, troubleshooting errors, and delivering responsive websites.

Currently transitioning to backend development with Node.js, MongoDB, and SQL, and seeking opportunities to apply my web development experience while learning and contributing to backend projects.

PROFESSIONAL EXPERIENCE

Jasper IT – Web Developer

May 2023 – Present

- Developed static websites and customized WordPress themes for responsive design and eCommerce solutions.
- Managed troubleshooting, debugging, and error resolution to ensure smooth and functional websites.
- Assisted in improving website performance, user experience, and modern UI implementation.
- Led my team for website projects and ensured timely delivery.

PROJECTS

CodeSage – AI-Powered Code Review Platform

Key Functions

- Automates code review using Google Gemini API.
- Provides AI-powered suggestions and analysis for developers.

Tech Stack: Node.js, Express.js, PostgreSQL, Prisma ORM, TypeScript, Google Gemini API, React

GitHub: <https://github.com/kaibad/codesage>

Daily Planner – Full-Stack Planner App

Key Functions

- Secure full-stack planner with JWT authentication.
- Task management, dark-themed responsive UI, MongoDB database.

Tech Stack: Node.js, Express.js, MongoDB, TypeScript, JavaScript, JWT, Vanilla JS

GitHub: <https://github.com/kaibad/codesage>

SujhavMitra – Intelligent Recommendation System

Key Functions

- Personalized book & movie recommendations using ML models (TF-IDF, collaborative filtering).
- User authentication, JWT-based authorization, wishlist, activity tracking, trending content.
- RESTful API design, input validation, error handling.

Tech Stack: Flask (Python 3.7+), MySQL, PyJWT, bcrypt, Scikit-learn, Pandas, NumPy, Pickle, React 18+

GitHub: <https://github.com/kaibad/codesage>

EDUCATION

Bachelor's degree in Computer and Information Sciences (BSc CSIT)

Jan 2022 – July 2026

Institute of Science and Technology (IOST), Tribhuvan University

Key Learnings

- Programming: C, C++, Python, Java, and JavaScript fundamentals.
- Web Development: HTML, CSS, JavaScript, PHP, and basic database integration.
- Databases: MySQL, SQL queries, data modeling, and relational database management.
- Software Engineering: Object-oriented programming, software design principles, and project management.
- Networking & Security: Fundamentals of networking, network protocols, and basic cybersecurity concepts.
- Operating Systems & System Programming: Linux/Windows environments, shell scripting, and process management.
- Data Structures & Algorithms: Arrays, linked lists, trees, graphs, searching, sorting, and algorithm analysis.

2018 – 2020

+2 Science

NEB

- Final CGPA: 3.58

KEY SKILLS

- Web Development: HTML5, CSS3, JavaScript, PHP
- CMS & eCommerce: WordPress, WooCommerce (custom themes & plugins)
- Database Exposure: MySQL
- Other Skills: Responsive design, website optimization, troubleshooting, team collaboration
- Learning / Aspiring: Node.js, MongoDB, Express.js, SQL, REST APIs