

Raja Mahanty

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[LinkedIn](#) | [GitHub](#)

SUMMARY

Full Stack Developer skilled in creating responsive, scalable web applications using the MERN stack and PHP. Strong academic foundation with hands-on experience in real-world projects, game development, and UI/UX design. Passionate about building intuitive and impactful digital solutions.

PROFESSIONAL EXPERIENCE

Freelance Full Stack Developer

Self-Employed

Remote

Jan 2024 – Present

- Built and deployed 3+ client-facing projects using React, Node.js, and MongoDB, improving user engagement and operational efficiency.
- Optimized frontend performance, consistently achieving 90+ Lighthouse scores for accessibility and speed.

EDUCATION

Haridwar University

MCA

Roorkee, Uttarakhand

2024 – 2026 (Pursuing)

Bengal Institute of Science & Technology (BIST)

BCA

Purulia, West Bengal

2021 – 2024 — CGPA: 8.93

PROJECTS

Dixer – Daily Expense Tracker | PHP, XAMPP [GitHub]

- Engineered a PHP-based expense tracking app with monthly summary reports, enhancing financial awareness among 100+ users.
- Achieved a 90% adoption rate within the first quarter post-release.

Crop Care AI – Plant Disease Detection | Python, Streamlit, Deep Learning [GitHub]

- Created a web-based interface for farmers to upload leaf images and receive disease diagnoses with over 95% model accuracy.
- Streamlined early disease identification, contributing to healthier crop yields.

Pinteresting – Image Sharing Platform | MERN Stack [GitHub]

- Developed a responsive full-stack application to showcase and manage UI/UX designs and image assets.
- Integrated image upload, drag-drop editor, and user gallery using React and MongoDB.

Talk2Schedule – AI Appointment Booking Assistant

FastAPI, Streamlit, Google Calendar API, Gemini Pro [GitHub]

- Built a conversational AI tool using Gemini Pro that extracts date/time intents from natural language and confirms appointments via chat.
- Integrated Google Calendar API with FastAPI backend to automate booking, and deployed a real-time frontend with Streamlit.

CERTIFICATIONS

Version Control (Coursera)

Intro to Databases

Data Structures & MySQL

AWS Fundamentals

Cyber Security Basics

Power BI Hands-on

TECHNICAL SKILLS

Programming Languages: PHP, JavaScript, Python, C, GDScript

Web Development: HTML, CSS, React, TailwindCSS, Node.js, Express.js

Databases: MySQL, PostgreSQL, MongoDB

Tools & Platforms: Git, XAMPP, Streamlit, AWS

Design: Figma

Game Dev: Godot, GameMaker

Machine Learning: CNNs, image classification, Streamlit deployment

INTERESTS

- Game Development
- UI/UX Design
- Listening to Audiobooks