

Buddhadeb Charmakar

Full Stack Developer — Data Analyst — Project Manager

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About Me

This CV can also be automatically compiled and published using GitHub Actions. For details, [click here](#).

Skills

Programming: Java, Python, C, JavaScript

Web Development: React.js, Node.js, MongoDB, MySQL, PHP, HTML, CSS, Bootstrap

Data & Analytics: SQL, Power BI, Excel, Data Visualization

Cloud & AI: AWS, Generative AI, Machine Learning, Flask, NumPy

Other: Project Management, Git/GitHub, Communication, Leadership

Education

B.Tech, Computer Science & Engineering — Kalyani Government Engineering College 2022–2026
CGPA: 7.2

Class X (CGPA: 7.5) & Class XII (CGPA: 9.2) — Napara High School 2010–2022

Experience

AI/ML Intern — YBI Foundation (Remote) Sept 2024 – Oct 2024

- Built a movie recommender system using collaborative + content-based filtering. - Developed preprocessing pipelines, trained ML models, and built UI.

Social Work Intern — Marpu Foundation (Remote) Sept 2024 – Oct 2024

- Supported fundraising campaigns and donor outreach. - Created awareness content and improved engagement via social media.

Projects

- **EcoTrack (SIH 2024 Finalist)** — Web solution for coal mines to monitor and reduce emissions. (PHP, React.js, MySQL) [GitHub Link](#)

- **GenAI Career Guidance Platform** — AI-powered chatbot for career guidance and resume building. (Flask, APIs, JS, HTML/CSS) [GitHub Link](#)

- **Client Management System** — Student/career data management with scheduling and reports. (PHP, MySQL, Bootstrap) [GitHub Link](#)

More projects available [here](#).

Certifications

Web Development (Internshala, 2024) — Internship & Job Preparation (Internshala, 2024) — Mastering Power BI (2025) — AWS (In Progress) , *Additional certificates available [here](#).*

Achievements

- Finalist, Smart India Hackathon 2024 (Team MedicoTech). - Completed 30-day AI/ML Internship at YBI Foundation. - Active Google Maps Local Guide with detailed contributions.

Positions of Responsibility

Member, KeyGEnCoders (College Coding Club) — Mentored juniors, organized coding contests and technical workshops, and contributed to inter-college events.