Ajay Kumar Kasaudhan Baniya

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Education

Kalinga Institute of Industrial Technology Oct 2021 – May 2025
Bachelor of Technology in Computer Science and Engineering (CGPA - 8.41/10) Bhubaneswar, Odisha
With Minor in Financial Economics (Using Data Analytics)

Everest English Boarding Secondary School July 2018 – June 2020
National Examination Board, Nepal (CGPA - 3.52/4.0) Butwal, Nepal

Technical Strength

Languages: C/C++, C Sharp, Java, SQL, JavaScript, Python
Development: React, NextJs, NodeJs, ExpressJs, React-Native, Asp .Net
Database and Cloud: MongoDB, PostgreSQL, MySQL Server, Firebase
Technologies and Concepts: ML, DBMS, DSA, OOPS, OS, CN, AWS (Basic)
Soft Skills: Leadership, Problem Solving, Decision Making, Teamwork, Stress Management

Projects

ClassroomHive - A Virtual Classroom ↗ April 2025
- The complete platform to manage classes, assignments, and collaboration between students and teachers.
- **Tools Used**: React+Vite, ExpressJs, PostgreSQL, Prisma ORM

Expense Management Mobile Application ↗ Feb 2025
- The ultimate package mobile app to track your expenses , manage and analyze the Income and Expenses .
- **Tools Used**: React Native, Firebase

Matrimonial Web Application ↗ Nov 2024
- Optimized Matching with personalized recommendations and Secure Data Management ensuring authentication, user profile handling, and messaging privacy.
- **Tools Used:** JavaScript, NextJs, PostgreSQL, Prisma ORM, Socket.io

Location Based Movie Recommendation System ↗ April 2024
- Implemented a personalized movie recommendation platform leveraging IP detection and a 5000-movie dataset for genre, year, and country-based exploration.
- **Tools Used:** Python, Machine Learning, Sklearn, Pandas, Flask, Google Youtube API

Experience

Research and Developer Team Member *Sept 2023 – Dec 2024*
KIIT International Student Society
- Contributed to various research and development projects within the society.

Volunteer and Video Editor *Sept 2022 – Aug 2024*
KIIT NSS, School of Computer Engineering
- Volunteered with NSS, contributing through video production and editing for events and initiatives.

Certificates

- Python Essential I Cisco Networking Academy, 2024
- AWS Cloud Semester 1 AWS Academy, 2024
- Career Essentials in Data Analysis Microsoft and LinkedIn, 2024