



# Ajay Kumar Sah

## PERSONAL DETAILS

Current Location    Hyderabad  
Date of Birth        January 2, 2003  
Male

## EDUCATION

### Graduation

Course                B.Tech/B.E. ( Computers )  
College               Brainware University West Bengal  
Score                  82.23% / 8.72 CGPA

### Schooling

|                 | Class XII | Class X |
|-----------------|-----------|---------|
| Board Name      | Bihar     | Bihar   |
| Medium          | Hindi     | Hindi   |
| Year of Passing | 2020      | 2018    |
| Score           | 66.6%     | 64.2%   |

## INTERNSHIPS

### Webguru Infosystem | August 2024 - October 2024

- Learned about how to create instance, manage IAM user or root user accessibility using amazon aws.

## PROJECTS

### My Portfolio | July 2025 - July 2025

- My Portfolio is a professional Django-based website showcasing my skills, projects, and experience. It features responsive design with Bootstrap for optimal viewing across all devices. The portfolio dynamically displays my technical skills, education history, work experience, and project case studies. Securely deployed on Render using Unicorn and Whitenoise, it follows production-ready configurations. Environment variables protect sensitive data while static files are efficiently managed. Visitors can explore my GitHub, LinkedIn, and coding profiles through integrated social links. The live demo demonstrates my full-stack capabilities from backend Django to frontend presentation. Currently optimized for recruiters and job applications, it highlights my strongest technical qualifications. Future enhancements include adding a blog section and contact form functionality. This project represents my ability to develop and deploy complete web applications end-to-end.

### Budget Wisely | February 2025 - April 2025

- Budget Wisely is a powerful web application designed to help users take full control of their finances on a monthly or yearly basis. It allows users to efficiently track their expenses across various categories, input total income, and calculate net savings with clarity.

The system provides visual insights through dynamic pie charts, doughnut charts, and bar graphs to clearly highlight where the majority of the budget is being spent. This data-driven approach helps users identify overspending areas and make smarter financial decisions.

### TaskCare360 | December 2024 - February 2025

- TaskCare360 is a user-friendly ToDo web application developed using the Flask framework, integrated with HTML, CSS, and JavaScript for a responsive and intuitive interface. It enables users to efficiently manage their daily tasks by allowing them to add, update, and delete tasks with ease.

The system is designed to improve user productivity by automatically sending daily reminders to each user, notifying them of their pending tasks via email. This ensures that users stay on top of their responsibilities and never miss important work.

The application also includes a secure password reset functionality. Only legitimate users can request a reset, which is handled via email using the SMTP protocol. Upon request, a unique OTP (One-Time Password) or reset link is sent to the user's registered email address, ensuring both security and reliability in the recovery process.

### AI-Powered Mutual Fund Recommendation System | August 2024 - May 2025

- Personalized Recommendations  
Uses AI to suggest mutual funds tailored to each investor's goals, risk profile (conservative, moderate, aggressive), return expectations, and investment horizon (short/medium/long

## GET IN TOUCH!

### Mobile:

+91-9875400827

### Email:

kumar.ajaysah2003@gmail.com

## SKILLS

- Python
- SQL
- Pandas
- Numpy
- Matplotlib
- Seaborn
- Postgresql
- Flask
- Django
- Problem Solving
- API Integration
- HTML
- CSS
- Bootstrap
- Javascript
- GIT
- Github
- MS Office
- Object oriented programming
- Fullstack Development
- Artificial Intelligence
- Data Structures

## LANGUAGES KNOWN

Hindi ( Both )  
English ( Both )

## CERTIFICATIONS

- Python(Basic)
- SQL(Basic)
- Cloud Architecture Using AWS
- Problem Solving (Basic)
- Communication Foundations
- Internship As Data Science Intern
- Programming Foundations: Version Control With Git
- AWS Certified Cloud Practitioner (CLF-C02)
- Cert Prep: 1 Cloud Concepts
- All India NCAT 2025
- Codequestz #20 Coding Challenge

term).

#### Hybrid Filtering Approach

Collaborative Filtering for returning users based on past investments and preferences.

Content-Based Filtering for new users by analyzing fund features, returns, and market trends.  
Automatically switches between methods for best-fit suggestions.

#### Real-Time Market Analysis

Continuously fetches live data from financial sources to update fund performance, track market trends, and identify opportunities.

#### Daily Smart Notifications

Sends automated, personalized updates on fund performance, market alerts, and recommendations.

#### Secure & Compliant

Ensures data safety with strong encryption and secure SMTP for all communications.  
Fully compliant with financial and data protection regulations.

#### User Friendly Interface

### AI-Powered Course Recommendation System | July 2024 - September 2024

- This project intelligently suggests relevant course names based on user interests using AI techniques. By computing similarity scores between the user's input and existing course data in the database, it recommends the most relevant courses.

For the frontend development, HTML, CSS, and JavaScript were used to create a responsive and interactive user interface. The design ensures smooth user interaction, with real-time input handling, styled components, and dynamic recommendation display for an enhanced user experience.

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## ACHIEVEMENTS

- Worked on several projects throughout my college journey. in B.Tech/B.E.