

RESUME

Name	Ajay Kumar Sah	Location	Hyderabad
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OBJECTIVE

Motivated Python Web Developer and Data Analyst skilled in Django, Flask, Power BI, and Tableau, with experience building AI-driven solutions and data visualizations. Seeking to leverage technical expertise to drive innovation and contribute to organizational growth in a challenging environment.

PROJECT EXPERIENCE

1. Revolt Motors Voice Assistant

Developed a voice assistant using Node.js and Google Gemini API, enabling real-time audio processing and context-aware responses for Revolt Motors. Integrated Multer for file handling and Socket.IO for bidirectional communication.

Aug 2025 - Aug 2025

2. AI-Powered Mutual Fund Recommendation System

Designed an AI system that provides personalized mutual fund recommendations by dynamically switching between collaborative and content-based filtering based on user history. It also features a daily notification engine for portfolio updates and an SMTP service for user verification and alerts.

Aug 2024 - May 2025

3. Adaptive Online Course Recommendation System using AI

Built an *AI-powered* system that recommends courses by calculating similarity scores between user input and existing course data. It also allows users to reserve their preferred courses for future reference. *July 2024 - Sep 2024*

4. TaskCare360

Developed a Flask-based To-Do web app for efficient task management (add, update, delete) with a responsive interface. It sends automated daily email reminders for pending tasks and features a secure SMTP-based password reset system using OTPs for user verification.

Dec 2024 - Feb 2025

5. MyPortfolio24*7 | [Live Demo](#)

Designed a portfolio that serves as a comprehensive professional repository, showcasing my work samples, project demonstrations, and career history through an organized, accessible interface. I invite you to explore my complete profile and interactive projects by accessing the Live Demo button above.

Jul 2025 - Jul 2025

KEY SKILLS

- **Programming Languages:** Python, SQL, JavaScript
- **Web Frameworks:** Django, Flask, Socket.IO, REST APIs
- **Databases:** PostgreSQL, MySQL
- **Cloud & DevOps:** AWS (Lambda, S3, CodeCommit), Render, GitHub, Git, CI/CD
- **Data Analysis & BI:** Power BI, Tableau, Pandas, NumPy, Seaborn, Matplotlib, EDA, ETL, Scikit-Learn
- **AI/ML & Automation:** Natural Language Processing (NLP), Prompt Engineering, Large Language Models (LLM)

- **Core Concepts:** Data Structures, Object-Oriented Programming (OOP)
- **Frontend Technologies:** HTML, CSS, Bootstrap

Academic Qualification	BOARD/UNIVERSITY	College / Institution	Percentage / CGPA	Year of Passing
B.Tech CSE(AI & ML)	BRAINWARE UNIVERSITY	Brainware University, Kolkata, West Bengal	82.2	2025
12th	BSEB	+2 High School Rupauli, Purnea	66.6	2020
10th	BSEB	High School Rupauli, Purnea	64.2	2018

PERSONAL TRAITS

- Adaptive Quick Learner
- Proactive & Results-Driven
- Innovative Problem Solver
- Research & Experimentation
- Dedicated to Continuous Improvement

ACHIEVEMENTS & AWARDS

- **All India NCAT 2025** – Achieved Top 3% (Naukri Campus)
- **Certified Python Programming Associate (CPPA)** – CertifyCore Inc. (California, USA)
- **Internship Common Aptitude Test**
- **Codequest #20 Coding Challenge** – Naukri Campus

CERTIFICATIONS

- **Python (Basic)** – HackerRank
- **Internship as Data Science Intern** – Unified Mentor
- **JavaScript (Intermediate)** – HackerRank
- **Quantitative Aptitude** – Udemy
- **Version Control with Git** – LinkedIn
- **Cloud Architecture Using AWS** – Webguru Infosystem