RESUME

Name	Ajay Kumar Sah	Location	Hyderabad
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OBJECTIVE

Quest to work in a professional & vibrant environment where I can utilize my potential to the maximum level and contribute to the growth of the organization by virtue of my sincerity and dedication. I love taking on new challenges and giving my best to achieve the expected results.

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. **Intelli Doc Ai**
   Developed to process various document formats like PDF, Word, Excel, and PowerPoint. It uses Natural Language Understanding (NLU) and Prompt Engineering to find relevant information within the documents, which is then passed to a Large Language Model (LLM) via the Gemini API for Generative AI to provide a final, well-structured answer.

3. **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*

4. **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*

5. **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*

6. **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), Gen Ai

- **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	8.73	2025
12th	BSEB	+2 High School Rupauli, Purnea	66.6	2020
10th	BSEB	High School Rupauli, Purnea	64.2	2018

PERSONAL TRAITS

- Willingness to learn and Quick learner
- Self-motivated & Deterministic.
- Commitment and Smart working
- Comprehensive problem-solving ability.
- Passion to face new challenges.

ACHIEVEMENTS & AWARDS

- Earned the **Gold Badge for Python** by solving all **115/115** problems on HackerRank.
- Earned the **Gold Badge for SQL** by achieving a perfect score, solving all **58/58** problems.
- Secured an **All India Rank (AIR) #39493 (top 3%)** in the nationwide NCAT 2025 aptitude exam.
- Achieved **rank #1121** among **25,000+** programmers in the Codequezt#20 nationwide coding challenge.

CERTIFICATIONS

- Certified Python Programming Associate (CPPA) – CertifyCore Inc. (California, USA)
- HackerRank Python (Basic)
- HackerRank SQL(Advanced)

    HackerRank JavaScript (Intermediate)

- **Quantitative Aptitude** – Udemy

- **Cloud Architecture Using AWS** – Webguru Infosystem

- **Internship as Data Science Intern** – Unified Mentor