

RESUME

AJAY KUMAR SAH

Software Engineer | Python Developer | Full-Stack Developer

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GitHub: <https://github.com/ajay9875/>

Portfolio: <https://myportfolio98.pythonanywhere.com/>

PROFESSIONAL SUMMARY

Full-stack and Python developer with hands-on experience in building scalable web applications, AI-powered recommendation systems, automation tools, and cloud-based deployments. Skilled in REST API development, database management, authentication systems, and DevOps workflows. Passionate about solving real-world problems with clean code and optimized performance.

KEY SKILLS

- Frontend: **React.js, Redux, HTML, CSS, REST API**
- Backend: **Django, Flask, Node.js, Express.js, REST APIs**
- Cloud & Devops: **AWS (Lambda, S3), Render, PythonAnywhere, CI/CD**
- Databases: **MongoDB, PostgreSQL, MySQL**
- Software Engineering: **OOP, DSA, Debugging, Problem Solving, Prompt Engineering**
- Programming: **Python, JavaScript, SQL**

INTERNSHIPS

Prompt Engineering Internship

- Completed a 4-week internship in prompt engineering, building structured prompt frameworks to guide AI through step-based logical output.

Data Science Intern

- Completed 3-month internship focused on data analysis and statistical modelling to generate predictive insights for business intelligence using Python and Tableau.

Cloud Architecture Intern

- Completed 2-month project development and focused on designing and implementing scalable cloud infrastructure solutions using AWS services.

PROJECTS

AI-Powered Mutual Fund Recommendation System | 9 months

- GitHub: https://github.com/ajay9875/Mutual_Fund_Recommender
- Live Demo: <https://mutulfundrecommender.pythonanywhere.com/>
- Engineered a system that filters real-time market data to suggest personalized investment options.

Adaptive Online Course Recommendation System using AI | 3 months

- GitHub: <https://github.com/ajay9875/OCR-System> | Live Demo: <https://king9.pythonanywhere.com>
- Developed a system that suggests relevant courses by accurately matching them to user interest profiles.

TaskCare360 | 2 months

- GitHub: <https://github.com/ajay9875/TaskCare360> | Live Demo: <https://taskcare360.pythonanywhere.com/>
- Built a task management system with automated daily email reminders and robust user account recovery.

EDUCATION

B.Tech in Computer Science (AI & ML), Brainware University — 8.73 CGPA | 2025

12th — BSEB | 66.6% | 2020

10th — BSEB | 64.2% | 2018

ACHIEVEMENTS & CERTIFICATIONS

- **Certified Python Programming Associate (CPPA)** – CertifyCore Inc. (California, USA) | 2025
- Gold Badge — Python (HackerRank 115/115) | 2025
- All India Rank (AIR) #39493 — NCAT 2025 (Top 3%)
- Optimized API latency by ~40% through caching (final-year project)