Ayush Vishnoi

Lucknow, Uttar Pradesh

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Education

VIT Bhopal University	**June 2022 – June 2026**
Bachelor of Technology in Computer Science (CGPA of 8.55)	*Madhya Pradesh, India*

Experience

Project Intern - Tata Consultancy Services (TCS)| Project Link   **November 4, 2024 – December 27, 2024**
Lucknow Office (Awadh Park)
Classify AI – Custom Classification Model Generator
- Developed a platform enabling the creation of custom classification models using BlueSky credentials and relevant keywords, reducing model setup time by 40%.
- Built a scalable backend using Python, Scikit-Learn, Pandas, and NumPy, handling over 1,000 model training requests and ensuring smooth data processing.
- Designed frontend and business logic with Java, JSP, Servlets, and Tomcat, streamlining the integration process and improving model deployment efficiency by 30%.
- **Technologies Used**: Python, Scikit-Learn, Pandas, NumPy, AWS, Java, JSP, Servlets, Tomcat

Projects

Study Buddy | Python, Gemini, Langchain, Streamlit | Project Link
Study Buddy is a groundbreaking platform that empowers college students with Customized academic and career solutions. Brought **500+ users in just 3 weeks**, reflecting high engagement and rapid adoption.
Key Features:
- **MCQ Generator & PDF Querying**: Generated **1,000+ questions** and processed **200+ documents**, boosting exam prep and cutting research time.
- **Contest Calendar**: Tracked **100+ contests**, increasing participation.
- **ATS Resume Optimizer & YouTube Notes Creator**: Enhanced resumes and created **500+ summaries**, improving placements and content retention.

AI Mock Interviewer – AI-Powered Interview Preparation Platform| Project Link
Developed an AI-driven platform to assist job seekers in preparing for interviews through simulated sessions and personalized feedback.
Key Features:
- **Real-Time Mock Interviews:** Conducted over 1,000 simulated interviews across various job roles, providing users with a realistic interview experience.
- **Customizable Interview Scenarios:** Allowed users to create 200+ Refined interview scenarios based on specific job descriptions and industries.
- **Progress Tracking: E**nabled 300+ users to monitor their preparation progress, helping them focus on areas needing improvement.

HealNav -AI Powered Navigation Platform| Project Link
HealNav is an AI-driven platform that simplifies access to healthcare services, providing personalized recommendations based on users' medical needs and preferences.
Key Features:
- **Personalized Recommendations & Symptom Checker:** Provided Curated healthcare suggestions to 400+ users and enabled 250+ users to assess symptoms for actionable guidance.
- **Seamless Navigation & Chatbot Assistance:** Assisted 150+ users in locating medical resources and delivered real-time support to 80+ users through a chatbot and smart notifications.
- **User-Centric Interface & Education:** Designed an intuitive platform with 800+ interactions and educated 50+ users on health conditions and wellness tips.

Technical Skills

- **Languages**: Python, C++
- **Libraries/Frameworks**: PyTorch, Hugging Face, OpenAI, Gemini, Pandas, NumPy, Scikit-Learn, NLTK, Flask, Django, Streamlit
- **Tools**: Azure, Cloud Computing, Docker, Git, Jupyter Notebooks, Langchain

Certifications & Achivements

- **OCI Generative AI Professional** | Oracle **(Scored 85% in the proctored exam)**
- **Cloud Computing** | NPTEL **(Silver + Elite Certification)**
- Reached the **final round** of the **LEAP Idea Thon** with the **Heal Nav project**, addressing community **health and AI powered solutions** that leverage technology for rural healthcare access. Worked on developing an AI-powered innovation to create scalable healthcare navigation solutions.

Extracurricular

- **Content Writer, iOS Club:** Composed and managed engaging content related to iOS development
- **Hackathon Organizer, Microsoft Technical Club:** Organized a successful hackathon, promoting technical skills and innovation.