AKKSHIT SINGH

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Education

Sardar Patel Institute of technology **2022 - 2026**
Bachelors of Technology in computer engineering *Mumbai, Maharashtra*

Experience

Insightress **Feb 2025 - Present**
Software Developer Intern *Mumbai, Maharashtra*

- Conducted in-depth analysis of company data to extract meaningful insights, improving the accuracy and efficiency of job matching by identifying key hiring trends and skill gaps.
- Designed, developed, and maintained a dynamic web-based analytics platform, integrating data visualization tools to track job recommendations, user interactions, and hiring patterns.
- Implemented machine learning algorithms for pattern recognition and predictive analytics, enabling personalized job recommendations based on user behavior, skillset, and industry trends.

TalentsConnects **Jan 2025 - Present**
Software Developer Intern *Bangalore, karnataka*

- Duties: Worked on their job recommendation system. Contributed in finding the most suitable job for the users on the basis of the location and years of experience given by the user.Developer Job recommendation system using different python libraries such as pdfminer,base64,etc
- Implemented Web Scraping for Candidate Profiling, extracting years of experience using Beautiful Soup. Built an ML model that personalized job recommendations, helping 500+ users find relevant opportunities..
- Contributed to Backend API Development in Nodejs.Implemented the entire jwt authentication for the user and admin also helped in creating different APIs for the backend

GetFly technologies **Nov 2023 – Dec 2023**
Frontend Intern *Mumbai, Maharashtra*

- Designed and developed responsive and visually appealing web interfaces using HTML, Tailwind CSS, and JavaScript, ensuring a seamless user experience across devices.
- Worked closely with the development team to integrate frontend components with backend APIs, debugged UI issues, and enhanced the overall functionality of the company's platform.

Projects

Plant Disease Prediction Model | *Python, TensorFlow, Google Cloud Console* **February 2025**

- Developed a deep learning plant disease detection system using TensorFlow,Keras,achieving high classification accuracy.
- Implemented image preprocessing techniques (rotation, flipping, contrast adjustments) to improve model generalization.
- Trained and optimized a CNN on the PlantVillage dataset, fine-tuning hyperparameters for enhanced performance.

Spam Email detection Model | *Python, Pandas,Sckit learn,CountVectorizer* **Jan 2025**

- Built a spam email classifier using Naïve Bayes with text preprocessing and feature extraction using CountVectorizer.
- Trained the model by converting messages into numerical representations and splitting data for training and testing.
- Achieved 98.3 percentage accuracy on the test data,successfully distinguishing spam from non-spam messages.

Realtime ChatApp with Gemini api | *Reactjs, Nodejs,Expressjs,GeminiAPI* **Jan 2025**

- Created an Android application using Java and Android Studio to calculate ticket prices for trips to museums in NYC.
- Processed user inputted information in the back-end of the app to return a subtotal price based on the tickets selected.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

Technical Skills

Languages: Java , Python , C
Developer Tools: VS Code , Intellij , Anaconda
Technologies/Frameworks: Expressjs , Nodejs , Pandas , matplotlib , GitHub , Linux

Achievements

Codechef: Secured a rank of 200 in the Starters 161 contest and achieved a peak rating of 1400.
Leetcode: Achieved a max rating of 1700. Also solved 500+ problems at leetcode platform
GeeksforGeeks: Recognized as a 4-star coder with more than 300+ problems solved on the platform.