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Shrey Jain

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Results-driven full-stack software engineer with expertise in artificial intelligence and a passion for staying up to date with emerging tech trends. Currently pursuing a BCA degree from Amity University, Noida. Strong communicator with exceptional interpersonal skills, proven through successful teamwork and collaboration. Actively seeking opportunities to further develop and expand skill set.

WORK EXPERIENCE

DATABASE MIGRATION INTERN   Jun – Jul 2023
State Art Corp, New Delhi, India
- Orchestrated the migration of the *Microsoft Access* to the cloud, ensuring a smooth and secure transition.
- Implemented measures to prioritize accessibility and maintain data integrity during the entire process.
- Prioritized accessibility and maintained data integrity throughout the process.

WEB DEVELOPER INTERN   Jan – Mar 2023
Chahat Accessories, New Delhi, India
- Employed *HTML* and *Liquid* for effective customization.
- Designed and implemented a customized e-commerce store for the online fashion accessories company.
- Utilized the Shopify platform for seamless functionality.
- Incorporated bespoke design and layout elements to elevate the brand's online presence.

VIDEO EDITOR   Dec 2019 – Mar 2023
Freelance, Remote
- Used *Adobe Premiere Pro* and *Adobe After Effects*
- Successfully edited content that generated over 65 million impressions.
- Actively collaborated with clients to establish beneficial relationships.
- Utilized viewer engagement and retention rates to optimize content effectively.
- Stayed updated on industry trends and emerging technologies in video editing.
- Demonstrated efficient project management skills by handling multiple projects simultaneously, meeting tight deadlines, and delivering high-quality video content on time.

SKILLS

Language: Python, Java, C, JavaScript, HTML5, CSS3, PHP.
Frameworks & Library: Flask, Pandas, Requests, smtplib, ssl, SQLAlchmey, urllib, FPDF.
Database: MySQL, PL/SQL, SQLite3.
Repository Management: GitHub.
Technologies: MATLAB, Adobe After Effects, Adobe Premiere Pro.

EDUCATION AND CERTIFICATIONS

- Bachelor of Computer Application, Amity University, Noida. 2021-2024   7.9 CGPA
- Commerce with Math's, The Heritage School, Rohini. 2017-2021   90.5%

EXTRACURRICULAR

CyberCup3 Hackathon
- Orchestrated a team of 4 individuals in CyberCup3 Hackathon, showcasing exceptional problem-solving skills and technical expertise.
- Engineered an AI chatbot centered around water bodies, resulting in increased user engagement and satisfaction.
- Employed strategic coding techniques and cutting-edge tools to create a web application with a user-friendly interface.
- Collaborated closely with team members to successfully produce and deliver a fully functional website within a demanding 24-hour timeframe.

- Demonstrated strong leadership skills through effective task delegation and coordination, leading to seamless teamwork and on-time project completion.
- Presented our innovative project to a panel of industry experts, effectively communicating key features and benefits, ultimately earning recognition for our exceptional problem-solving abilities and innovation.

PROJECTS

IMAGE AI   [GitHub](#)
- Used *Python, Flask, Requests, Gemini API, HTML5.*
- Developed a user-friendly website to enhance communication between users and an AI bot by answering their questions through the uploaded image assistance.
- Implemented Python and Flask framework to efficiently handle user queries and provide accurate responses.
- Utilized API integration to expand the chatbot's knowledge base and enhance the quality of answers.

AI CHATBOT   [GitHub](#)
- Used *Python, Flask, Requests, Gemini API, HTML5.*
- Developed a user-friendly website to facilitate communication between users and an AI chatbot.
- Implemented Python and Flask framework to handle user queries and provide accurate responses.
- Utilized API integration to enhance the chatbot's knowledge base and improve the quality of answers.

INSTAGRAM CLONE   [GitHub](#)   [Website](#)
- Utilized *Python, Flask, SQLite3, flask_login, BCrypt, SQLAlchmey, HTML5, CSS3, OOP*.
- Developed a dynamic instagram-inspired platform enabling users to effortlessly create an account, apply password encryption, login securely, and upload images.
- Demonstrated a user following feature and enabling seamless search for users.

MOVIE APPLICATION   [GitHub](#)   [Website](#)
- Utilized *Python, Flask, urllib, json, HTML5, CSS3.*
- Integrated the tmdb API to fetch movie data and display it on the website.
- Implemented interactive functionality that allows users to click on a movie and view detailed information.
- Leveraged Python and Flask to handle API requests and retrieve movie details from the backend.
- Designed and implemented user-friendly interfaces using HTML and CSS to enhance the website's visual appeal and user experience.
- Successfully created a user-centered platform that provides easy access to movie information and engages users in exploring different movies.

CURRENCY CONVERSION   [GitHub](#)   [Website](#)
- Utilized *Python, Flask, requests, HTML5, CSS3.*
- Developed a dynamic currency conversion website enabling users to seamlessly input, convert, and compare various currencies with precision.
- Demonstrated an unwavering dedication to delivering a seamless user experience by meticulously designing and implementing functionalities.
- Showcased a strong passion for problem-solving by efficiently integrating diverse technologies and ensuring accurate currency conversions.

PASSWORD GENERATOR   [GitHub](#)   [Website](#)
- Utilized *Python, Flask, HTML5, CSS3, Random, strengthChecker.*
- Developed a user-friendly website enabling users to generate customized passwords by completing a form specifying desired length and character types.
- Integrated a convenient copy button feature for easy password copying and pasting.

SAUN SARAF   [GitHub](#)   [Website](#)
- Utilized *OOP, Python, Flask, SQLite3, flask_login, BCrypt, requests, SQLAlchmey, HTML5, CSS3.*
- Developed and implemented a user-friendly website allowing users to create and manage accounts, securely storing information in a database.
- Integrated login functionality to ensure secure access for registered users.
- Enabled users to purchase virtual currency (GoldBits) using their funds, with each GoldBit is 0.001g of gold.
- Implemented a feature allowing users to sell their GoldBits and receive the corresponding amount of money based on the current price of gold.

TIC-TAC-TOE AI   GitHub
  - Developed a *Python* script using *MiniMax Algorithm* a game of Tic-Tac-Toe with an AI opponent.
  - Implemented multiple gameplay options, including AI vs Random, AI vs AI, and Random vs Random.
  - Utilized the mini-max algorithm to determine the optimal move for the AI opponent.
  - Generated an endgame summary displaying the number of wins, losses, and draws achieved.

8-PUZZLE AI   GitHub
  - Developed a *Python* script to solve the 8-puzzle table using the *best-first search algorithm*.
  - Implemented an effective and efficient search strategy to find the optimal solution for the given puzzle.
  - Demonstrated strong problem-solving skills by creating a solution that can be applied to different 8 puzzles.
  - Successfully generated an output that showcases the optimal moves required to solve the puzzle.

HISTORICAL WEATHER API   GitHub
  - Utilized *Python, Flask, Pandas, HTML5, CSS3.*
  - Developed a dynamic API to efficiently retrieve and present historical weather data.
  - Demonstrated a keen interest in providing accurate weather information for users' benefit.
  - Implemented innovative techniques to ensure seamless data retrieval and presentation.
  - Exhibited a deep commitment to delivering high-quality and reliable weather data through the development of a comprehensive API.

WEATHER FORECAST   GitHub
  - Utilized *Python, Streamlit, Plotly, requests.*
  - Developed a website showcasing accurate future weather predictions for various cities and time durations.
  - Utilized APIs to gather real-time data and provide up-to-date weather forecasts.
  - Enabling users to easily select their desired city and time duration for weather predictions.

WEBCAM MONITORING APPLICATION   GitHub
  - Utilized *Python, smtplib, opencv2, threading, imghdr, ssl.*
  - Application to monitor webcam activity and capture images when there is movement on the webcam.
  - Implemented functionality to automatically email the captured images to a pre-set email address.
  - Designed the application to continuously monitor the webcam from its initial state, ensuring real-time detection and capture of any movement or changes.

TO-DO CLI APPLICATION   GitHub
  - Used *Python* to develop a Command Line Interface (CLI) application that allows users to efficiently manage their to-do lists by adding, updating, and removing items.
  - Successfully created a user-friendly interface that enhances productivity and organization for individuals.
  - Received positive feedback from users for the application's intuitive design and smooth functionality.

ROMAN TO DECIMAL CALCULATOR   GitHub
  - Utilized *Python, Flask, HTML5, CSS3.*
  - Developed a user-friendly website enabling users to easily convert Roman numerals to decimal values.
  - Implemented a functionality that accurately converts the inputted Roman numeral into decimal value.
  - Designed an intuitive and visually appealing interface to enhance user experience on the website.

VOTING APPLICATION   GitHub
  - Utilized *Python, Flask, HTML5, CSS3.*
  - Developed a dynamic website allowing users to select options and input their name.
  - Enabled submission of forms and showcased real-time voting results on the website.

COLOR CYCLE   GitHub
  - Utilized *Python, Flask, HTML5, CSS3.*
  - Developed a dynamic website allowing users to input RGB values and change colors with specified increments.
  - Implemented a user-friendly interface with sliders for each color and input fields for change values.

EXCEL TO PDF RECEIPTS   GitHub
  - Utilized *Python, Pandas, FPDF*
  - Developed a script to efficiently convert excel files into visually appealing receipts in a pdf format.

EMAIL NEWS   GitHub
  - Used *Python, smtplib, ssl, requests.*
  - Implemented the script to ensure that the news is sent at a predetermined time, providing a convenient and automated solution for staying up to date with current events.