CHOKAMELA KALI PRASADA MANI M

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Summary

Aspiring full stack developer with hands-on experience in Python, MySQL, and front-end technologies like React.js. Proficient in building scalable systems, integrating backend services with efficient data management, and developing dynamic, responsive user interfaces. Strong foundation in both frontend and backend development, with a focus on creating efficient, data-driven applications.

Education

SRM Institute of Science and Technology   **Sep 2021 – Jun 2025**
B.Tech in Computer Science   8.99

Narayana Junior College   **Jun 2020 – Apr 2021**
12th Grade, BIEAP   88%

Dr.KKR Gowtham High School   **Jun 2018 – Apr 2019**
10th Grade, CBSE   81.8%

Projects

E-Commerce Platform Development   *Jan 2024 – May 2024*
React.js, Express.js, Node.js, MySQL

- Developed a scalable and efficient e-commerce platform featuring a dynamic and responsive user interface using React.js.
- Built a robust backend with Express.js and Node.js to manage server-side operations, including user authentication, product management, and order processing, and utilized MySQL for reliable data storage.
- Demonstrated full stack web development proficiency by integrating various technologies seamlessly to create a cohesive and high-performing application.
- Followed a test-driven development (TDD) approach to enhance the application's scalability and robustness.

NLP-Based Text Summarizer   *May 2024 – Aug 2024*
Python, SpaCy, Transformers, Flask

- Developed an interactive web application using Flask, allowing users to input text and receive summarized versions by leveraging SpaCy and Transformers for highly accurate and efficient results.
- Implemented user customization features to specify the number of sentences in the summary, enhancing the application's flexibility and user experience.
- Deployed the application on AWS, ensuring scalability, reliability, and smooth handling of user requests in a production environment.

Weather Forecast Application   *Nov 2022 – Feb 2023*
Flask, BeautifulSoup4, Pandas

- Built a Flask-based web application for weather forecasting, allowing users to enter a city name and receive the weather forecast.
- Implemented web scraping using BeautifulSoup4 to gather real-time weather data from the BBC Weather website.
- Displayed high and low temperatures, along with a daily summary, providing a concise and clear weather forecast.
- Ensured robust error handling for invalid city names and connection issues, enhancing the user experience.
- Utilized Pandas for data manipulation and efficient handling of scraped weather information.

Skills

- **Programming Languages:** Python, JavaScript, C++, C, SQL
- **Web Development:** HTML, CSS, React.js, Bootstrap, Node.js, Express.js, Flask
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Version Control & API Development:** Git, GitHub, RESTful APIs
- **DevOps & Cloud:** Linux, Kubernetes, GitHub Actions, AWS
- **Development Practices & Tools:** Agile, Scrum, TDD, VS Code, Web IDE, GitHub

Certifications

- **Full-Stack Web Development** – Udemy
- **Machine Learning** – Coursera

Volunteering

Directorate of Student Affairs   *2022–current*
Consolidated fest logistics and streamlined processes, resulting in a 30% reduction in setup time and improved event efficiency for 700+ attendees.

Conferences and Workshops

Responsible and Safe AI   *Dec 2023*
IIT Madras
5 days add-on course in Full-Stack Development   *Jul 2024*
SRMIST, Chennai