AMIT SHRIRAM

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EDUCATION

N.K.Orchid College of Engineering and Technology, Solapur 2021 – 2024
B.Tech - Computer Science and Engineering *Solapur,Maharastra*

COURSEWORK / SKILLS

- Operating Systems
- Computer Networks
- Cloud Computing
- DBMS
- Oops Concepts
- System Design
- Software Engineering

PROJECTS

Quick: News Aggregator and Summarizer ⬈ | React, JavaScript, sqlite3, Django, Web-Scraping
- Developed a real-time news aggregation and summarization application available as both a web app and a mobile app.
- Implemented web scraping using BeautifulSoup to gather news from various websites in real-time.
- Automated the scraping process using GitHub Actions, ensuring continuous and up-to-date news collection.
- Utilized Django framework to handle backend operations, including database storage and API endpoints.
- Integrated a machine learning model for summarizing news articles to provide concise summaries alongside headlines and image URLs.
- Designed and developed a responsive web application using React, delivering a seamless user experience.
- Created and exposed APIs for frontend consumption, facilitating the integration with various frontend technologies.

Hotel Management System | Oops, Java, JDBC, Swing
- Designed and developed a comprehensive hotel management system using Java and the Swing GUI library.
- Streamlined and automated various hotel management services, including reservation management, room allocation, check-in/check-out procedures, and billing.
- Ensured a seamless guest experience by creating a user-friendly interface.Implemented efficient reservation management to handle bookings, cancellations, and modifications.

Movie Recommendation System | Python, Machine Learning, Streamlit
- Designed and implemented a Movie Recommender System web application using Python and Streamlit.
- Provided users with personalized movie recommendations based on their preferences.Enabled users to explore a curated list of top 5 movie recommendations tailored to their tastes.
- Leveraged machine learning algorithms to deliver accurate and relevant movie recommendations.Ensured real-time data processing and responsiveness for a smooth user experience.

INTERNSHIP

Infosys Springboard 04/2024 – 06/2024
Python Intern

Content Management System | Python, Strapi CMS, Flask, Imagine AI ,Sqlite, React, Web Sockets
- Utilized Strapi CMS to manage banners, images, videos, and other media contents.
- Created Flask-based wrapper APIs to expose data for integration with any frontend technology.Ensured real-time reflection of CMS updates on external portals using WebSockets.
- Integrated AI-powered image generation tool within the CMS for dynamic content creation based on engineered prompts.
- Developed an informative bike website using React.Seamlessly displayed bike-related content entered in CMS on the website in real-time.

TECHNICAL SKILLS

Languages: C, Python, Java, JavaScript, SQL
Technologies/Frameworks: HTML, CSS, Django, React, MongoDB, Flask, Javascript, Bootstrap
Developer Tools: VS Code, PyCharm, IntelliJ, Canva , Jupyter Notebook

CERTIFICATIONS

- Python Programming from Basics to Advance - Udemy
- Java Tutorials for Beginners -Udemy
- Fundamentals of Artificial Intelligence - NPTEL
- MySQL and PLSQL Training - Zensar Technologies