

Veda. R

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Profile

Enthusiastic and results-driven Computer Science engineering student with a keen interest in software development and cutting-edge technologies. Currently pursuing a Btech in Computer Science at Reva University I am eager to contribute my skills and knowledge to a dynamic internship opportunity in the field of software engineering.

Experience

ACADEMIC PROJECTS

During my B.Tech in Computer Science program, I actively participated in several challenging and comprehensive projects that allowed me to apply theoretical knowledge to practical problem-solving. Notable projects include:

- Project: Chatbot Song Recommendation System
- Description: Developed an interactive chatbot-based song recommendation system to enhance user engagement and provide personalized music suggestions. Implemented natural language processing (NLP) and machine learning algorithms to understand user preferences.
- Role: Led a team of [number] members, overseeing the design, development, and implementation phases. Responsible for defining the project architecture, integrating key technologies such as NLP models, and ensuring seamless communication between the chatbot interface and the recommendation engine.
- Outcome: Successfully delivered a fully functional Chatbot Song Recommendation System, achieving the following milestones:
 - Implemented a user-friendly chatbot interface capable of understanding natural language queries related to music preferences.
 - Integrated machine learning algorithms to analyze user interactions, learn preferences, and recommend songs based on individual tastes.
 - Enhanced user engagement by incorporating sentiment analysis to recommend mood-appropriate songs.
 - Achieved a high accuracy rate in song recommendations through continuous improvement of the recommendation engine using feedback loops.

- This project not only showcased the successful integration of advanced technologies but also demonstrated the team's ability to create an innovative solution addressing user needs in the realm of music discovery.

WORKED ON LINUX SYSTEM ADMINISTRATION

- Proficient in various Linux distributions (CentOS) ☐ Package installation and management using package managers (apt, yum, dnf).
- Installation, configuration, and maintenance of Linux servers. ☐ TCP/IP networking configuration and troubleshooting.
- User and group management. ☐ Knowledge of DNS, DHCP, and routing.
- Filesystem management (ext3/ext4, LVM). ☐ Implementation of security best practices.
- Advanced command-line operations and shell scripting (Bash). ☐ Firewall configuration (iptables, firewalld).
- Experience with virtualization technologies (e.g., KVM, VirtualBox). ☐ Regular backups and recovery procedures.
- Knowledge of containerization platforms (Docker). ☐ Familiarity with backup tools like rsync and tar.
- ☐ Proficiency in version control systems (e.g., Git).
- ☐ Diagnosing and resolving system and network issues promptly.
- ☐ Familiarity with cloud platforms (e.g., AWS, Azure, GCP)

Education

10TH GRADE | 2019 | MES KISHORA KENDRA, MALLESHWARAM BANGALORE.

I graduated with a percentile of 96.64.

12TH GRADE | ASC SILVER VALLEY PUBLIC PU COLLEGE, MALLESHWARAM BANGALORE.

I graduated with a percentile of 98.

BTECH IN COMPUTER SCIENCE AND ENGINEERING | REVA UNIVERSITY, BANGALORE.

I graduated with a cgpa of 9.04.

Skills & Abilities

Proficient in programming languages such as Java, Python, and C++:

Applied Java skills in developing robust and scalable backend systems, contributing to [mention any specific projects or achievements].

Leveraged Python for data analysis and scripting, demonstrating proficiency in automation tasks.

Utilized C++ for system-level programming and optimization, showcasing strong algorithmic understanding.

Experienced in web technologies including HTML, CSS, and JavaScript:

Developed responsive and visually appealing web interfaces using HTML and CSS, ensuring a seamless user experience.

Implemented dynamic and interactive features on web pages using JavaScript, enhancing overall website functionality.

Demonstrated proficiency in front-end development through the creation of [mention any specific projects or websites].

Skilled in database management systems such as MySQL and MongoDB:

Designed and maintained relational databases using MySQL, optimizing query performance and ensuring data integrity.

Implemented NoSQL databases with MongoDB for scalable and flexible data storage, contributing to efficient data retrieval.

Applied database normalization techniques to enhance data organization and retrieval efficiency.

Familiar with tools like Git and Visual Studio Code for version control and development:

Utilized Git for version control, collaborating with team members on code repositories, and ensuring a streamlined development process.

Leveraged Visual Studio Code as a primary integrated development environment (IDE), enhancing coding efficiency and debugging capabilities.

Demonstrated proficiency in code collaboration through branching, merging, and pull requests on Git platforms.

Comfortable working on both Windows and Linux operating systems:

Experienced in software development on Windows environments, ensuring cross-platform compatibility for applications.

Proficient in Linux-based development, utilizing command-line tools and shell scripting for efficient software deployment and server management.

Demonstrated adaptability by seamlessly transitioning between different operating systems based on project requirements.

Activities and Interests

Reading books, storytelling, script writing.

