SNEHA H S

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INTERNSHIPS

Web smart India– Project Intern   **Oct 2023 – Dec 2023**

- Completed a comprehensive internship program, gaining valuable insights into front-end development tools and methodologies. Acquired proficiency in front-end technologies through hands-on experience and practical application during the internship.
- Spearheaded a project focused on leveraging machine learning techniques to develop a smart translation tool tailored for individuals with physical disabilities.
- Played a pivotal role in the development and implementation of innovative solutions aimed at enhancing accessibility and inclusivity through technology.

KodNest Technologies Pvt Ltd - Full Stack Intern   **Jan 2023 – May 2023**

- Acquired proficiency in Java SE, Java EE, SQL, HTML, CSS, and JavaScript, alongside fundamental concepts of Data Structures
- Demonstrated leadership by overseeing a team of 4 in backend development.
- Achieved a 20% reduction in data retrieval latency and improved overall system responsive. Successfully integrated real-time database functionality into the project, showcasing practical application of acquired skills.

EDUCATION

Master of Computer Application   **Dec 2021- Feb 2023**
Acharya Institute of Graduate Studies | Bangalore |CGPA **8.9**

B.Sc. in Computer Science   **Jun 2018 – Oct 2021**
Sree Siddaganga College of Arts, Science and Commerce for Women's| Tumakur | CGPA **7.9**

PROJECTS

Smart Translation For Physically Challenged People Using ML

- Machine learning algorithms analyze user interactions and adapt interface elements, such as control mechanisms or navigation, to accommodate various physical disabilities seamlessly.
- ML-powered systems offer real-time assistance like voice recognition for speech-impaired and gesture recognition for those with limited mobility, facilitating seamless digital interaction.
- ML models enable tailored solutions like predictive text for motor impairments or dynamic screen adjustments for visually impaired users.

Madatory Knowledge of Law (Java, JSP, HTML, CSS)

- The web application focuses on providing concise and simplified explanations of essential legal concepts and rights that every individual should be aware of.
- The application is designed with a user-friendly interface, making it easy for users to navigate and find the information they need quickly. It employs intuitive design elements, such as clear categorization of topics and a search function, to enhance user experience and ensure that users can access the information they need with minimal effort.
- As a web-based platform, the application can be accessed anytime, anywhere, as long as there is an internet connection. This accessibility ensures that individuals can obtain crucial legal knowledge conveniently, whether they are at home, work, or on the go.

TECHNICAL SKILLS

Programming Languages - Java17.
Web Development - HTML, CSS.
Backend-Development - DBMS, MySQL.
Data Structures and Algorithms - Linked Lists, Stacks, Queues, Trees, Graphs, Sorting, Searching.

Others - VS code.

COURSEWORK AND CERTIFICATIONS

- Certified Full Stack Developer from KodNest
- Java Programming Udemy
- 5th Rank in Bangalore University

INTERESTS | HOBBIES

- Reading Books. | Dancing. | Solving logical problems.