Sai Vikram Simhadri
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EDUCATION

Master of Science in Computer Science   CGPA:3.9
Old Dominion University, VA   **August 2021- May 2023**
Bachelor of Technology in Computer Science Engineering   CGPA:8.01
TKR College of Engineering and Technology, India   **August 2017 – July 2021**

PROFESSIONAL EXPERIENCE

Front-end Developer -Intern at Elevance Health,Norfolk,VA   **Jan 2023-Present**

- Involved in various phases of Software Development Life Cycle (**SDLC**) of the application like Requirement gathering, Design, Analysis and Code development and understanding of business requirements and implement the process using **Agile (Scrum)** methodology.
- Implemented the front-end using **HTML 5, CSS3, Bootstrap, JQuery and Angular JS.**
- Worked on server-side **validations, handle actions, events** and **Encapsulation** by implementing **React JS.**

Graduate Teaching Assistant Old Dominion University**, VA**   **August 2021- May 2023**

- Designed and implemented user-centered UI components using HTML, CSS, and JavaScript.
- Worked with ITS team to maintain web applications that are used by ODU.
- Utilized version control (Git) to manage codebase changes and collaborated with team members to track progress and address technical challenges.

Full-stack Developer at Animatrics Software Solutions, India.   **June 2020 – July 2021**

- Care-Monitor: A shared care, real-time remote monitoring, and health management platform with telehealth capability.
- Implemented the back end using **Node JS.**
- Major task is learning and implementing the languages simultaneously.

ACADEMIC PROJECTS

Innovative apps for Women in Cyberspace.   **January 2021 - July 2021**

- Created a social media web application with women safety as the major goal.
- It filters abused comments and posts using sentiment analysis and NLP.
- Developed the front-end of the website.
- Technologies used are Python, HTML, CSS and Django.

Movie Recommendation system.   **August 2021 – December 2021**

- I developed a movie search engine that doubles as a recommendation system. This tool suggests movies based on mood, genre, and viewing history.
- Collaborative filtering is one of the main concepts that I used to achieve the goal of this project.

DIGITAL LIBRARY SEARCH ENGINE.   **August 2022 – December 2022**

- I developed a Digital Library search engine using ElasticSearch, incorporating Re-captcha v2 for secure logins.
- The project featured a Restful API with programmable search functionality, implemented using React, Node.js, and MongoDB.

TECHNICAL SKILLS

- **Programming Languages –** Python, C++, C, Java, PHP.
- **Scripting Languages & Frame works-** JavaScript, React, Nodejs, Angular, Html, CSS**.**
- **Software Tools and Libraries–** MS Office, REST APIs, AWS (EC2, S3, Lambda, EBS, ELB, CloudFormation, CloudWatch, IAM), Git, Matplotlib, Pandas, NumPy, Jira, Agile, Scrum, Bootstrap.
- **Databases**– MySQL, MongoDB

CERTIFICATIONS

- Completed Certification course in C++.
- Completed a JavaScript course in Udemy.

ADDITIONAL INFORMATION.

General Secretary (International Students Advisory Board)   **April 2022-April 2023**
Old Dominion University, VA

- Helping students to get settled in their initial days.
- Working in team collectively to make the events successful.