

Sai Soujanya Ivaturi

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Profile Summary

- Immense knowledge in Web Design, Full-stack Web Development.
- Ability to work well independently and in a team environment.
- Ability to improvise, troubleshoot and learn new skills.

Work experience and Education

- Old Dominion University 2022-

Masters in computer science

- Worked at IBM 2021-2022

Technical Support Representative

- Malla Reddy Institute of Engineering and Technology Sept 2020

Batchelor of Technology in Computer Science Technology CGPA: 7.51

- Sri Chaitanya Junior College April 2016

Intermediate in MPC CGPA: 8.96

- St. Mary's High School March 2014

Secondary School Education GPA: 9.7

Technical Skills

- Programming : Python, PHP, JavaScript, C, C++
- Web Technologies : HTML5, CSS3
- Operating System : Mac, Linux, MS Windows 7/8/8.1/10
- Databases : MySQL
- IDE : Microsoft Visual Studio

- Tools : MS Office
- Servers : Amazon Web Services

Projects

Employee Leave Management System

Oct'19-Nov'19

- The automated leave management ensures that employees accrue the right number of leaves that they are entitled to receive and provides a quick and efficient validation method that saves time and eliminates a cumbersome paper process. Also, enabling the supervisor to approve online requests saves management time. It also calculates and maintains balances of each employee's vacation, sick and other benefit time.
- Technology: Java, HTML, CSS
- Web applications: JDBC, Servlets, JSP
- Database: Oracle 10gs

Inflammation of Airspace Medical Analysis

Apr '20-May '20

- This system predicts pneumonia from the X-ray report of lungs. Neural network classification model in Keras is used to classify normal and people with pneumonia. We have targeted the current drawback in medical diagnosis of pneumonia by the human and propose an alternative and more accurate way of diagnosing the disease with automation.
- Technology: Python
- Software environment: Anaconda
- Libraries: SKlearn, Keras

Digital Library search engine with Wiki-Card

Sept'22-Dec'22

- The website is about a digital library where the users can search for books by entering a key phrase in a search box. The code that is used in making the website is the combination of PHP, CSS. Laravel framework is also used in building this website as it is one among the best PHP MVC frameworks existing. In this website, the users can register and create an account. They have a home page which contains profile information, search button. The users use the search button provided in the home page to make queries. The users can also add a file of their choice and pdf. Later, they can run a query to find the file that they have included. Kibana, elasticsearch, Wikifiers
- Technology: HTML, PHP, CSS
- Framework: Laravel
- Database: SQL

Library Management System.

Jan'23-Apr'23

- This is basically an e-commerce library which contains several books of different categories. The basic process flow is, the user can create an account by filling the required details -> they can browse for the book they need from various categories (which include the information of the book i.e., Title, Author's name, Publication's name, Price etc.) -> they can add the book to the shopping bag -> proceed to checkout-> pay the price of the book -> the reservation of that particular book is done. The admin has the power to modify the products in the database. I have built this project using NodeJS, MySQL, Angular. The particulars of the books are stored in MySQL database.
- Technology: HTML, CSS
- Database: SQL

Achievements and Leadership Experiences

- I have scored very well in “Code Mortem” which was organized by Malla Reddy Institute of Engineering and Technology.
- I have got an appreciation by the mentor and received certificate on ‘Professional Web Designing’ at the workshop conducted by MRIET in association with ‘Coign Consultants Pvt. Ltd’.
- I have I have attended an internship program in “Introduction to Programming using Python” based on Machine Learning which was initiated by Verzeo and have received a certificate from Microsoft.
- I have helped and guided my juniors in lab activities.
- I have hosted and helped in organizing a handful of events conducted by the college.
- I have also participated in multiple technical events like Paper and ppt presentations and seminars etc.