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Avani Kasat

Objective

To get a summer internship in Web Development , Data Science field and Software Development, utilizing my strong analytical and organizational skills in the Engineering Department.

Interests

- Full – Stack Web Developer
- Machine Learning
- Programming Languages
- Software Development

Education

Degree	College	Percentage
B. Tech (Expected 2023)	Vellore Institute of Technology, Chennai	8.8 CGPA (At the end of the 4 th semester)
Senior Secondary (2018)	Vatsalya Public School, Mandsaur	80.6 %
Secondary (2016)	Vatsalya Public School, Mandsaur	9.4 CGPA

Academic Achievements

- Pursuing B.Tech. in Computer Science and Technology at Vellore Institute of Technology, VIT-Chennai, an Institute which is one of its kinds in India.

Software Skills

Programming Languages	C, C++, Python, Java
Operating Systems	GNU/Linux, Windows
Internet	HTML, PHP, JavaScript
Software Tools	Adobe Photoshop, Microsoft Office
Communication Tools	Matlab ,R programming

Projects

1: Detecting and correcting the spelling errors and text predictor system

Team Size 2

Abstract: The aim is to detect and correct the errors occurring in the spellings and sentences written by the user. The technique used is Machine learning models and Natural Language Processing.

Technologies used: PYTHON

2: Ecommerce Website (Handy Creations)

Team Size 2

Abstract: The aim of project is to make a ecommerce website where their exist a direct connection between the seller and the customer. This project was basically build to support Vocal for Local concept during pandemic.

Technologies used: HTML, CSS, JAVASCRIPT, PHP, MYSQL

YouTube Link: <https://www.youtube.com/watch?v=zAPjFGVpBco>

3: Implementation of a Partitioning based OS

Team size:2

Abstract: The aim of this project is to build a partition-based operating system using different kinds of partitioning such as disk partitioning. It was implemented in LINUX using fdisk, parted and gparted commands.

4: Leave Application Tracker for Vit

Team Size 3

Abstract: The aim of this project is to recreate the Leave application system with new features than the existing system of VIT.

Technologies used: JAVA, HTML, CSS, MYSQL

5. CSR PORTAL (Corporate Social Responsibility)

Team Size: 3

Abstract: The aim of this project was to create a flexible CSR (Corporate Social Responsibility) Portal where the companies can donate or give csr in the particular project where it is needed. Also, a CHATBOT was developed where the users can share their problems and needs in their areas so that companies and NGO'S can easily find the needed areas and can come forward to help them.

Technologies Used: HTML, CSS, JAVASCRIPT, PHP, MYSQL

Other Projects and Achievements:

1: Smart Agriculture Based System - IoT solutions

2: Research Paper Publication based on Strong optimal password Authentication Protocols

LINK FOR RESEARCH PUBLICATION: <https://www.ijariit.com/manuscript/optimal-strong-password-authentication-protocols/>

Courses Taken

Introduction to Object Oriented Programming, java programming, python programming, operating systems, microprocessors and interfacing, Internet of Things, Natural language processing, Web mining, Information security and audit, Machine learning, Parallel processing and distributed systems, Computer Organization and Architecture, Object Oriented software development, Software Engineering, Internet and Web Programming, Data Structures and Algorithms, Networks and Communications

LinkedIn profile: <https://www.linkedin.com/in/avani-kasat-a386431ba/>

Personal profile

- **Date of Birth:** 14th July 2001
- **Father's Name:** Mr. Mahesh Kasat
- **Mother's Name:** Mrs. Ranjana Kasat
- **Permanent Address:**
65. Labour Colony, Nai Abadi,
Mandsaur, M.P.
- **Strengths:** Hard Work, Quick Learner, Optimistic, Determination, Trustworthy
- **Language Proficiency:** Fluent in speaking English and Hindi.
- **Hobbies:** Learning new Programming languages, Travelling, Cooking
