

AJAY K

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OBJECTIVE:

I'm looking forward to up skill myself in the industry. I'm glad to work with your organization and very confident to fulfill your requirements. Enthusiastic to learning new things or tools every day.

EDUCATION:

B.E Mechanical Engineering , minor degree in Full Stack Development- (9.01 CGPA till date)

Saveetha Engineering College ,Chennai

Class XII- State Board-75.1 % - SMS Vimal Matric .hr.sec .School,Arakkonam,Ranipet.

Class X- State Board-95 % - SMS Vimal Matric. hr.sec. School,Arakkonam.Ranipet.

TECHNICAL PROJECTS:

Creation of Nano satellite ,collecting and predicting the atmospheric temperature :

- Designed and 3d printed the payload and installed temperature sensors to collect temperature data.
- The data is collected, preprocessed and extracted the features in it using datascience and the Machine learning model is built.
- Collected data visualized using Seaborn and predicting the ozone using scikitlearn library.
- Developed a website for sharing information regarding this project.

Ecommerce Website:

- Designed and developed a user-friendly e-commerce website for a fancy store, utilizing HTML, CSS, JavaScript, and Bootstrap to create a responsive and visually appealing interface.
- Integrated Firebase API for user authentication, enabling secure login functionality and safeguarding customer data.
- Focused on enhancing user experience and ensuring seamless navigation and functionality for product search and purchase.
- Applied best practices in web development to deliver a reliable and engaging platform.

INTERNSHIPS

Next24Tech and Technologies: (july 2024)

- Gained hands-on experience in Python development, in popular libraries such as Django, Matplotlib, Pandas, and Seaborn.
- Developed and applied Python solutions to real-world projects, enhancing problem-solving and coding efficiency.

AdInfocom technologies: (june 2024)

- Robotics and Automation Intern,Learn to implement programming to mechanical engineering projects.
- Learnt to program and simulate the robots using MATLAB and python. .Maintained the industrial Bots for Manufacturing.

SKILLS:

Programming Languages : Python , HTML & CSS, Data Structures, Java programming.

Frame Works : Pandas, Scikitlearn, Matplotlib ,Bootstrap.

Tools: VS code, Git & Github, FireBase API, Word,Excel.

Soft Skills: Fluent in English, Effective communication, Logical Reasoning ,leadership, Time Management

CERTIFICATIONS:

- Introduction to HTML, CSS – Udemy
- Python programming- coursera
- Data Analytics and Visualization- Forage (Accenture)
- Introduction to Front end by meta – Coursera

PARTICIPATIONS AND AWARDS:

- Participated in Smart India Hackathon, IBM Datathon, presented the project and submitted abstract on the day of event.
- Got first Prize from Principal for Aptitude and Logical Reasoning competetion on National Mathematics Day in the college.
- Participated and won programmers club's problem solving competition using programming conducted at college event.

ACHIEVEMENTS:

- Merit and Distinction in Academics and Highest Rank Holder in the Department till the present semester examination.
- Project for Nanosatellite is recommended by college for patent and is now under the process of acquiring copyrights.
- Top 8% Rank Holder in NEET Exam and Top 2% rank in the school at SSLC state board Examination.
- More active in linked in to share my achievements with 1100+ followers and got 100000+ post impressions till now.