SACHIN AGRAWAL

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Education

Sir MVIT   **Sep. 2020 – Aug 2024**
Bachelor of Technolgy in Mechanical Engineering   *Bengaluru , Karnataka*

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Database Management
- Machine Learning
- Computer Architecture
- UI/UX

Experience

EaseMyLiving   **May 2023 – June 2023**
Frontend Devloper   *Bengaluru, Karnataka*

- Integrated interactive UI elements, including hover effects and animations, to create a more engaging and intuitive user interface, leading to a 20% increase in user interaction.
- Designed a user-friendly onboarding process with guided tours and tooltips, improving user retention rates by 15%.
- Enhanced social media integration by adding sharing buttons, enabling users to share content easily, resulting in a 22% increase in organic referrals.

Projects

Apartment Management system | HTML, CSS,Javascript   **January 2023**

- Developed a frontend solution for an apartment management website using HTML, CSS, and JavaScript.
- Utilized HTML and CSS for layout design, ensuring intuitive navigation and aesthetic appeal.
- Integrated JavaScript to introduce dynamic functionalities, enhancing user interactivity and user experience by 30%.
- Created a cohesive blend of frontend technologies to deliver a responsive and user-friendly platform tailored for efficient apartment management boosting user interaction by 35%.   ✉Project Link- Apartment Management System

Salary Prediction | Jupyter Notebook, Python   **November 2022**

- Developed a Salary Prediction website leveraging machine learning techniques to estimate user salaries based on parameters such as education, experience, and job title.
- Utilized Jupyter Notebook for data analysis, model training, and evaluation using Python, ensuring accuracy upto 78% and reliability in salary predictions.
- Integrated a comprehensive stack of technologies, merging machine learning capabilities with frontend development to deliver a functional and user-centric salary assessment platform.ticket prices for trips to museums in NYC.   ✉ Project Link- Salary Prediction

Quad copter drone for payload delivery | *fusion360*   **October 2022**

- Designed and constructed a quadcopter drone specifically engineered for payload delivery applications.
- Utilized AutoCAD for precision design and modeling, ensuring structural integrity and aerodynamic efficiency.
- Integrated advanced avionics systems to enhance flight control, navigation, and payload delivery accuracy.
- Combined engineering principles with technology integration to create a specialized drone solution optimized for efficient and reliable payload transportation.   ✉ Project Link- Salary QuadCopter for Delivery of payload

Technical Skills

Languages: Python, C++, C, HTML/CSS, JavaScript, SQL
Developer Tools: Jupytr Notebook, AutoCAD, Fusion360, Figma, Canva, ReactJS
Technologies/Frameworks: Linux, GitHub

Extracurricular

- Participated in hackathons- participated in sparkathon, flipkart grid 5.0
- Interested in AutoCAD designing and Solid works.
- Rated 1400 in Chess.com