Mahanyasa Keesara

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EDUCATION

SRM University   Chennai
BTech in Mechatronics Engineering   *June. 2020 – May 2024*
  · CGPA: 7.57

Sri Chaitanya Junior college   Pune
Class 11th - 12th   *May. 2018 – May 2020*

EXPERIENCE

Technical Team Lead   Oct 2022 - May 2024
Think Digital, SRM   *Chennai*
  · My experience in leading four distinct domains within a club at SRM IST has provided me with invaluable expertise in effectively managing diverse teams. Over time, I have honed my skills in guiding and coordinating groups of individuals, fostering collaboration, and achieving collective goals.

Iot Team Lead   Oct 2022 - May 2024
Think Digital, SRM
  · As both a lead and a team member, I have successfully completed multiple projects in the field of IoT. These experiences have been instrumental in developing my leadership abilities and enhancing my people skills. Working on these projects has taught me the art of motivating and guiding a team towards success while fostering effective communication and collaboration among team members.

INTERNSHIPS

Robotic Instructor Internship   Sept 2022 – Dec 2023
  · *Rancho Labs*   *Chennai*
  · I have extensive experience in providing training to clients on IoT automation products tailored for the heavy machinery industries.
  · Furthermore, I have practical expertise in utilizing a device capable of seamlessly attaching to legacy machinery, thereby enabling real-time data acquisition and analysis.

Onshape Software Development Intern   Feb 2024 – June 2024
  · *PTC India Pvt Ltd.*   *Chennai*
  · Gained hands-on experience in developing cloud-based CAD software, working with modern web technologies and collaborative tools to enhance user experience.
  · Collaborated with experienced engineers and product managers, receiving mentorship and feedback while contributing to cross-functional team projects and industry best practices.

CERTIFICATION

  · Lema Labs IOT Training under IIT Madras
  · Top Engineer Training Under Anna University

COMPETITIONS

  · Led a team of 4 to ISA cummins hosted by cummins college of engineering, Pune called Automathon 2022 and cleared till

round 2.
- Coordinated with multiple students from various domains to make a product within 2 days for the internal club hackathon of thinkdigital srm.
- Received High Commendation in simulating the historic Security Council as a participant in Delegatus e-MUN 2.0.

ACHIEVEMENTS

- IoT Domain Lead of Think Digital Club (May 2022 - October 2022)
- Tech Organiser of Think Digital Club (October 2022 - May 2024

PROJECTS

Jee Rank Website
- With competitive exams getting difficult every year. Each student has the right to know their rank. The jee rank website is an effort to help students know an estimate of their rank. This technique can help students prepare well for the next session of the Jee Mains exam and score better in their upcoming exams.

Roverz App
- With tourism being a booming industry, we need to look out and develop the less populated and unpopular places which have a good chance of hearing. This technique can reduce the burden on the more populated areas of tourism.

Exact Stock News App
- With the world being attracted towards the internet and as much as 50% of the world has joined the internet. The stock market depends on world news a lot and we are trying to simplify it related to the stock market news.

Payroll Distribution Website
- With the number of industries automating and increasing every day, a payroll distribution system will help Companies pay their employees. This project is intended to be an open-source project for many small industries or companies that cannot afford to develop their payroll.

Agriculture Integrated Farming Project
- Pioneered an Integrated Farming Automation Project, seamlessly integrating weather conditions, water flow, and soil moisture data. This innovative system autonomously adjusted irrigation and crop protection measures, optimizing resource usage and increasing overall productivity. Demonstrates my proficiency in leveraging technology for sustainable and efficient farming practices.

Home Automation Project
- I have used relays to switch on and off lights with an external app and the switch board and made it like an extra add on switch board in which one has to pick the switch socket and regulator and so on we made the same kind 4 switch 2 switch 8 switch and 1 switch boxes are present

Attendance Monitoring System
- Using RFID ID Cards we made a RFID based attendance monitoring system and linked it to an algorithm of Data Analysis to understand every member and team's analysis.

Lone Wolf Chat Bot
- An AI chatbot for Android apps uses natural language processing to communicate with users, provide personalized experiences, and offer customer support.

Blogging Website

- To learn to make a website was my dream when being an early teenager, the same from around 2015 to 2017. This initiative got me started on coding and deploying my projects onto github and many other platforms.

TECHNICAL SKILLS

Programming Languages: C, C++, Python, JavaScript, HTML, CSS, Kotlin, Java, React Js, Angular Js
Tools: Git, Amazon Web Services, Visual Studio, PyCharm, IntelliJ, Eclipse, Creo, SolidWorks, OnShape, AutoCAD, Redshift, Airflow, Google Looker
Skills: I0T, MatLab, Robotics, Automation
Programming Languages:English, Hindi, Marathi, Telugu, Tamil