Hrithik Sai Rachakonda

Software Developer

A well versed software developer experienced with all stages of the development cycle for dynamic software projects. Strong background in team management. Craving for a growth oriented and challenging career, where I can contribute my knowledge and skills to the organization and enhance my experience through continuous learning and teamwork.

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EDUCATION

B. Tech in Computer Science and Engineering
Lovely Professional University

08/2018 - Present   *7.42 CGPA*   *Jalandhar, India*

Courses
- Computer Science, Machine Learning and R.P.A.

Higher Secondary (class XI and XII)
Urbane Junior College
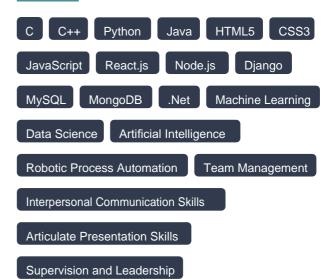
06/2016 - 04/2018   *92.4%*   *Secunderabad, India*

Courses
- Mathematics, Physics and Chemistry.

Secondary (class X)
Vidyodaya High School

06/2002 - 05/2016   *9.5 CGPA*   *Warangal, India*

WORK EXPERIENCE

Public Speaking Head and Event Manager
Eminent Student Organization

08/2020 - Present,
Eminent is a student organization at Lovely Professional University. It conducted 12 events, 5 webinars, 4 talent proving competitions and 5 debates.

Achievements/Tasks
- hosted 3 Events of Eminent organization
- led 2 debates
- hosted 3 webinars

Contact: eminentofficiallpu@gmail.com

Content Writer
Adverdigi

09/2021 - 12/2021,
Adverdigi is an organization which runs a Youtube channel called Krishngyan. They create content to explain book summary.

Achievements/Tasks
- 12 book summaries
- Certificate of recommendation
- Total stipend of 5,000 INR

SKILLS

C | C++ | Python | Java | HTML5 | CSS3

JavaScript | React.js | Node.js | Django

MySQL | MongoDB | .Net | Machine Learning

Data Science | Artificial Intelligence

Robotic Process Automation | Team Management

Interpersonal Communication Skills

Articulate Presentation Skills

Supervision and Leadership

ACHIEVEMENTS AND HONOURS

Public Speaking Head and HR for a student organization (08/2020 - Present)

Representative for Anti-drugs club (10/2017 - 05/2018)

LIC's Best Student Award (06/2015 - 04/2016)

Captain for District level Volleyball team (08/2014 - 04/2016)

LANGUAGES

English   Hindi   Telugu

PROJECTS

- ### Virtual Voice Assistant (02/2021 - Present)

  I have built a virtual voice assistant using Python. There are likely features of most of its kind such as Siri, Google voice assistant, Bixby, Cortona and Alexa. I am currently working on updating it with introducing A.I. so that the results will be optimal.

- ### Adaptive Learning Platform with Quiz Portal (03/2021 - 04/2021)

  An Adaptive learning platform where teachers can upload their HD video/audio content and make quizzes for respective topics by CRUD operations and students can take these quizzes and can view their scores. Good UI, skip button, navbar for question count, countdown timer, report generation are the key features.

- ### Mega CSS 3D animations (03/2021 - 03/2021)

  I have strong command over front-end development. My creative work will be visually appealing. I have made 25 3D animation effects using HTML and CSS. This include hover, loader, character animations.

- ### Realtime Covid-19 report generation using R.P.A. (11/2020 - 11/2020)

  This is an automated bot. It will extract data tables from given URLs using web recorder and puts that data into a csv file, sends this csv file to given email addresses. Using this it will take less time to extract the updated data from internet. Just one click and there you go.

- ### Intelligent Emergency Auto adjustment Timetable for Faculty using A.I. Techniques (03/2020 - 04/2020)

  The manual system of preparing time table in colleges is very time consuming and tedious task. We have designed a automated timetable generator using AI techniques. The system will take various inputs like number of subjects, teachers, maximal lectures a teacher can conduct etc. An appropriate timetable is then chosen from the optimal solutions generated.
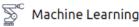
- ### Line following Robot (03/2020 - 03/2020)

  The line following robot is a mobile machine that can detect and follow the line drawn on the floor. Generally, the path is predefined and can be either visible like a black line on a white surface with a high contrasted color. These robots can be used as automated equipment carriers, floor cleaners, and delivery services.

- ### Scientific Calculator Using Python (10/2019 - 10/2019)

  A calculator designed to calculate problems in physics, mathematics and at various parts of engineering. Interface and code are designed fully using python. I added more keys like Fibonacci, factorial, matrix multiplication etc. It can completely replace slide rules in traditional applications, and can be widely used in both education and professional settings.
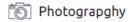
INTERESTS

- Artificial Intelligence
- Machine Learning
- Augmented Reality
- Robotics
- UI Designing
- Short Film Making
- Photograpghy
- Music
- Content Writing
- Cricket