

C R VARSHA

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EDUCATION

Bachelor of Technology, Computer Science and Engineering <i>Dayananda Sagar University</i> CGPA: 8.7	2021 – present Bangalore
Higher Secondary Certificate <i>SGPTA Pre University College</i> Percentage: 96.1	2019 – 2021 Bangalore
Secondary School Certificate <i>Acharya Pathasala Public School</i> Percentage: 90.6	2018 – 2019 Bangalore

PROJECTS

Multiple Sclerosis Prediction

Created a diagnostic model for multiple sclerosis using CNN in TensorFlow and Keras. The project aimed to enhance medical image analysis for early disease detection, helping healthcare professionals identify early signs of multiple sclerosis more effectively.

GreenGuard: An IoT Solution for Smart Gardening

Designed a Smart Gardening System using IoT, integrating pH sensors, weather APIs, and other environmental sensors. The system automates plant care by predicting weather conditions and optimizing irrigation and soil health. Enabled real-time monitoring and efficient garden management for improved sustainability.

Graduate Admissions Prediction

Designed and implemented a machine learning-powered web application using Streamlit to predict graduate school admission probabilities based on key factors like GRE, TOEFL, and CGPA. Integrated interactive visualizations and user-friendly interfaces for data input and analysis.

Text Summarizer

Developed a text summarization tool utilizing advanced NLP techniques and Hugging Face to condense lengthy texts into concise summaries. This tool enhances readability and improves comprehension efficiency, making it easier to process large volumes of information.

SKILLS

Languages: Java, Python, C

Database: MongoDB, MySQL

Web development: HTML, CSS, Javascript, React JS

Organisational skills: Collaboration and teamwork, Documentation, Time management

CERTIFICATES AND ACHIEVEMENTS

Finalist in IOT hackathon-IoT Project Based Idea Realization

Developing front-end apps with React ☞

Java (Basic) Certification from HackerRank ☞

SQL (Basic) Certification from HackerRank ☞