Riya Sharma

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EDUCATION

- **Vellore Institute of Technology,Chennai** *2021-25*
  Computer Science Engineering with Specialization in AI & Robotics CGPA: 9.03

- **Kendriya Vidyalaya Pushpvihar, New Delhi** *2021*
  Central Board of Secondary Education Percentage: 95.6%

PERSONAL PROJECTS

- **Mental Health Monitoring**

  This is a Depression detection model which is being done using Federated Learning under the guidance of one of my faculties for a research paper.

  – Tools & technologies used: NLP, Pandas, Tensorflow, Numpy, Federated Learning, Deep Learning

- **Hall of Fames**

  This is a website where people can share their hall of fames having their favourite youtube videos. Integrated Google YouTube APIs for efficient searching of Video

  – Tools & technologies used: Django, Bootstrap, REST API, GCP

- **Portfolio Website**

  The website was built using React.js for the frontend and integrated with a backend using SMTP for sending email notifications when users submit forms.

  Frontend Development: The user interface of the website was built using React.js, ensuring a responsive and visually appealing design that effectively showcased the company's work and services.

  Backend Integration: The website was integrated with a backend system using SMTP for email functionality. This included setting up form submission handling and configuring email notifications to be sent to the appropriate recipients when users filled out contact or inquiry forms.

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++ ,Python, SQL, Git, HTML, CSS
Frameworks:Django, Tensorflow, Numpy, Pandas, MySQL, Bootstrap, GitHub, React JS
Programming Proficiencies:Data Structures and Algorithms, Object Oriented Programming, Problem Solving, Computational Thinking, Federated Learning, Machine Learning, Deep Learning

ACHIEVEMENTS

- **First position at a Datathon conducted by Data Science club at VIT,Chennai**

  Problem statement was given and were provided a dataset on which we had to perform linear regression and get the maximum accuracy. By using XGboost for the given dataset 97% accuracy was achieved.