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Academic Details

Year	Degree	Institute	Percentage/CGPA
2022-Present	BTech in Electrical Engineering	Delhi Technological University (Delhi College of Engineering)	CGPA = 9.25/10 **Institute Rank 9**
2022	Class XII CBSE - (PCM with Computer Science)	Ramakrishna Sr. Sec. School, New Delhi	**91.6%** 99 in Mathematics 94 in Computer Science
2020	Class X CBSE	Ramakrishna Sr. Sec. School, New Delhi	**88.6%** 100 in Mathematics

Objective

To pursue graduate studies in Electrical Engineering, leading to a career in development. I am interested in Development (Software, Web, App, …) and machine learning.

Experience

- **EZINORE PVT. LTD.** ***Feb 2024 - Present***
  Software Development Engineer (SDE)

  As a full stack developer at Ezinore Pvt Limited, I specialize in creating innovative solutions for **AI-based energy management**. My role involves developing both a **comprehensive dashboard application** and a polished product website for the company. Leveraging my expertise in **frontend and backend technologies**, I craft user-friendly interfaces that provide actionable insights for energy optimization. From designing intuitive user experiences to implementing robust backend functionalities, I ensure seamless integration and efficient performance across all platforms.

- **PHYSICSWALLAH SKILLS** ***Mar 2023 – May 2023***
  Web Developer (MERN)
  My **inaugural internship** provided me with invaluable insights into **end-to-end project solutions**. I gained hands-on experience in designing both **high-level and low-level solutions**, including **wireframing** and other problem-solving techniques. Notably, I successfully delivered a **comprehensive web development project**, affording me the opportunity to deeply explore various web concepts. Leveraging cutting-edge technology, I implemented the **MERN stack (MongoDB, Express.js, React.js, Node.js)** to craft a dynamic website that further enriched my learning journey.

Skills

- **Programming Languages:** C/C++/C#, Java , Python, Javascript, Flutter.
- **Frontend:** React Js, React Native, HTML, CSS, Javascript, Streamlit, Electron JS
- **Backend:** Express Js, Node Js, Django, Flask, Firebase.
- **Databases:** MongoDB, MYSQL, Postgre SQL
- **Other Skills:** Scikit Learn, Numpy, Pandas, Git/Github, Figma

Major Projects

- **STREAMVID - MOVIE STREAMING** GDSC DTU
  React – Flask Project *Dec 2023 – Jan 2024*
  *StreamVid offers cutting-edge movie streaming with **React.js, Flask, MongoDB, Redux Toolkit, and CSS**. Enjoy seamless user experience, dynamic **front-end with React.js**, responsive **back-end with Flask**, reliable **data management with MongoDB**, and **optimized state management with Redux Toolkit**, all wrapped in a sleek CSS design.*

- **BUY MARKET - ECOMMERCE PLATFORM** PW Skills
  MERN Stack Project *Dec 2023 – Jan 2024*
  *The MERN Stack Ecommerce Project (Buy Market) with user authentication, clean UI, Cart System which uses **react redux** for state management**, JWT Tokens , Nodemailer** for sending Email, **Recharts Js** for charts and many more technologies.*

Other Projects

- **DIET AND HOME WORKOUT RECOMMENDATION SYSTEM** Prof. Sanjay Kumar, CSE DTU
  Machine Learning Project *Jan 2024 – Apr 2024*
  *Personalized Diet & Home Workout System tailors fitness plans based on **age, height, weight** using **advanced algorithms & Streamlit UI.***

- **SPAM CLASSIFIER** Prof. Sanjay Kumar, CSE DTU
  Machine Learning Project *Dec 2023 – Dec 2023*
  *Developed a spam classifier using **Python's sklearn** with **Multinomial Naive Bayes**, integrated into a Streamlit website, achieving **97% accuracy** and **100% precision**.*

- **MOVIE RECOMMENDATION** Prof. Sanjay Kumar, CSE DTU
  Machine Learning Project *Nov 2023 – Nov 2023*
  *Created movie recommendation website using **Python & Streamlit**. Trained ML model on **5000 movie records** for suggesting similar movies using **cosine similarity**.*

- **180 DC Hindu Website** 180 Degrees Consulting Society, Hindu College
  React – Firebase – Redux Project *Jul 2023 – Aug 2023*
  *Developed Hindu College 180 Degrees Consulting Society website with **React, Firebase Database, Storage**, and **Email.js for dynamic, secure functionality**.*

- **TRIPIT - TOUR PLANNER** CodeClause , Pune
  React Native – Firebase – Redux Project *Oct 2023 – Oct 2023*
  *Built **React Native app** with **Firebase backend, Redux Toolkit** state management, offering hotel booking, authentication, favorites, and more features.*

- **CV GENERATOR APP** CodeClause , Pune
  React Project *Sept 2023 – Sept 2023*
  *Developed user-friendly CV generator app in **React Js**, facilitating dynamic content creation, streamlining **resume building** with professional interfaces and customization options.*

Scholastic Achievements

- *Secured **Departmental Rank 1** in III semester of Engineering out of **305** candidates with **9.89 SGPA*** *(2024)*
- *Secured **Departmental Rank 5** in I semester of Engineering out of **305** candidates with **9.40 SGPA*** *(2023)*
- *Cracked **JEE Advanced 2022** and out of **2.6 Lakhs** candidates* *(2022)*
- *Secured **96.4%ile** in **JEE MAINS 2022** out of **10,26,799** candidates* *(2022)*
- *Secured **2nd Rank** in School by scoring **91.2%** in class **12th PCM** with **99/100** marks in **Mathematics*** *(2022)*
- *Secured **1st Rank** in **Mathematics** in school by scoring **100/100** with overall **88.6%** in **class 10th*** *(2020)*

Relevant Courses

- ***Research Intern** under Prof. Sanjay Kumar, CSE DTU in the field of Machine Learning and Deep Learning.*
- ***Computer Science:** Programming Fundamentals (C language), DSA using Java (Coding Blocks)*
- ***Mathematics (I and II semester):** Real Analysis, Differential Equations, Linear Algebra, Matrix Theory, Laplace and Fourier Transform, Vector Calculus.*
- ***Numerical and Engineering Optimization (NEOM):** Numerical Methods, Constrained and Unconstrained Optimization, Intelligent Optimization Techniques: Partical Swam Optimization, Fuzzy Neural Logic, Ant Colony Optimization.*

Courses to be done in **Upcoming Semesters (Summer 2024 – Summer 2026).*