



# G Praneeth Kumar

Bachelor of Technology  
in Computer Science and Engineering  
Indian Institute of Information Technology, Design and Manufacturing,  
Kancheepuram

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## EDUCATION

Degree	Institute and Board	CGPA/Percentage	Year
B.Tech in CSE	Indian Institute of Information Technology, Design and Manufacturing (IIITDM), Kancheepuram	8.99 (till 6th Sem)	2020-2024
Senior Secondary	Sri Chaitanya Junior College, Tirupati, BIEAP	96.6%	2020
Matriculation	Sree Vidyanikethan International School, Tirupati, CBSE	95.6%	2018

## EXPERIENCE

- IIITDM Kancheepuram** Jul 2023 - present  
*Teaching Assistant* Chennai, India
  - Assisting the faculty in "Problem Solving and Programming Using C" course, aiding in algorithmic understanding and coding skills.
  - Working with the faculty for "Analytics and Systems of Big Data" course, guiding students in mastering big data analytics and hands-on projects.
- HCL Technologies Limited** May 2023 - Jul 2023  
*Software Development Intern* Chennai, India
  - Created a user-friendly railway ticket reservation web application with essential features for booking and canceling tickets, designed to provide a seamless user experience and comply with industry standards.
  - Enhanced the accuracy and reliability of the application by integrating the Railway API to access real-time PNR information and train running status, ensuring users have access to up-to-date data.
- Seventh Horse Agri-Tech Private Limited** Feb 2023 - Mar 2023  
*Full Stack Web Development Intern* Chennai, India
  - Worked in the design and development of the Server Side dashboard of the farmer details.
  - Developed the website using ReactJS and PostgreSQL database.
- Way2Grow AgTech Private Limited** May 2022 - Aug 2022  
*Front End Web Development Intern* Chennai, India
  - Contributed to the design and development of the Farm Management System within the Software Department.
  - Enhanced the company website [www.way2grow.tech](http://www.way2grow.tech) by utilizing HTML, CSS, and JavaScript, and also focused on improving its outreach through Search Engine Optimization techniques and backlinks.

## PROJECTS

- Bitcoin Price Prediction** Apr. 2023  
*Analytics and Systems of Big Data*
  - Predicts the futuristic 10 or 20 or 'N' days Bitcoin Price with the help of previous 'N' days bitcoin Open Close and High and Low Data with the help of Linear Regression.
  - Implemented appropriate association rule mining algorithms and derived frequent itemsets on big data.
- Virtual Bus Conductor** Mar. 2023  
*IoT and Cloud Computing*
  - Developed and implemented an automated fare collection system on public buses using RFID cards and sensors.
  - Utilized the Google Cloud platform to securely transmit data and enable seamless actuation for fare deduction.
- Web Application for 5th Inter IIIT Sports Meet** Jan. 2023  
*Full Stack Web Development*
  - Developed a full-stack web application for the 5th edition of Inter IIIT Sports Meet held at IIITDM.
  - Designed a minimalist interface with responsiveness across all devices.
- Online Banking Portal** Apr. 2022  
*Data Structures and Algorithms*
  - Used Arrays and Files to solve a real-life practical issue through data structures.
  - The portal enables to create, view, modify and use ATM for bank account.

## TECHNICAL SKILLS

- Programming Languages:** Python, C/C++, JavaScript, HTML/CSS, R, PHP
- Tools and Frameworks:** ReactJS, NodeJS, Git, Visual Studio, PyCharm
- Operating Systems:** Windows, Linux
- Presentation Skills:** Microsoft Office, LaTeX, Figma, Canva

## POSITIONS OF RESPONSIBILITY

- Technical Affairs Secretary**, IIITDM Kancheepuram May. 2023 - Present
- Chairperson**, VIDHAI, IIITDM Kancheepuram Jul. 2022 - Present
- Department Representative**, Placement and Training Cell, IIITDM Kancheepuram Jul. 2022 - Present
- Technical Affairs Joint Secretary**, IIITDM Kancheepuram Jul. 2022 - Apr. 2023

## ACHIEVEMENTS

- Gold Elite Certificate**, from NPTEL Employment Communication a Lab based Course May. 2021
- Dr. Lakshmi Hari Babu Memorial Gold Medal**, for Best Outgoing Student of the Year 2018. Mar. 2019
- Infosys ISCA Travel Award**, Essay Writing at 104th Children Science Congress, Tirupati. Jan. 2017