

Vijayendra Murthy Nandivada

Computer Science And Design
Bachelor of Technology
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EDUCATION

Bachelor of Technology in Computer Science and Design

2022-2026

SRKR Engineering College (CGPA-8.90)

Intermediate

2020-2022

Tirumala Jr College (Marks-954/1000)

PROJECTS

Food Delivery web application - Project Link

MongoDB ,React.js, Node.js, Express.js

- Developed a full-stack food delivery website using the MERN stack (MongoDB, Express.js, React.js, Node.js).Architected and designed responsive and user-friendly interfaces with React.js for seamless browsing and ordering.
- Architected and designed and developed RESTful APIs with Express.js and Node.js to handle user registration, menu display, and order management.Integrated MongoDB for efficient storage and management of users, food items, and order data with complete CRUD functionality.

Waiter Tip's prediction - Project Link

Jupyter , Python

- Developed and deployed regression models to predict waiter tips based on customer and service-related features, utilizing multivariate analysis and feature engineering to enhance forecasting accuracy.
- Applied both linear and non-linear regression techniques, integrating data preprocessing and hyperparameter tuning to identify significant factors affecting tips, contributing to data-driven operational strategies and improved revenue for restaurant management.

College Management website - Project Link

MongoDB ,React.js, Node.js, Express.js

- Architected and designed and developed a full-stack web application designed to streamline college administration and student management.
- The platform allows students and administrators to interact through a portal, managing key tasks such as student registration, event participation, academic performance tracking, and announcements.

INTERNSHIPS AND EXPERIENCE

Artificial Intelligence and Machine Learning

June'24-July'24

IIDT Blackbucks Engineering Pvt. Ltd.

- Gained hands-on experience in developing AI/ML models using Python for real-world applications, focusing on data preprocessing, model training, and evaluation.
- Worked with industry-standard libraries such as TensorFlow, Scikit-Learn, and Pandas to build predictive models and analyze complex datasets.

MERN Stack Web Development

June'25-July'25

IIDT Blackbucks Engineering Pvt. Ltd.

- Acquired practical experience in developing full-stack web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js), focusing on both frontend development and backend integration..
- Collaborated on and implemented Engineered dynamic, responsive user interfaces with React.js and implemented RESTful APIs with Express and Node.js.
- Utilized MongoDB for designing scalable database schemas and managing data operations, ensuring efficient communication between frontend and backend components.

TECHNICAL SKILLS & INTERESTS

Languages : C, Python, Java, HTML, CSS, JavaScript, PHP

Libraries/Frameworks : React JS, React Native, Express JS, Node JS

Tools/Platforms : Git, Postman, Jupyter, GitHub, VS Code

Cloud/Databases: MongoDB, Firebase, Relational Database (MySQL, PostgreSQL)

Areas of Interest : Web Design and Development, App Development, UI/UX

Relevant CourseWork : Data Structures and Algorithms, Object Oriented Programming, Database Management Systems, Software engineering

Soft skills : Self-learning, Project Management, Team worker

POSITIONS OF RESPONSIBILITY

Student Volunteer for NIPUNA 2k25

- Organized and volunteered mindquest, an aptitude competition organized in SRKR Engineering college.

Editor of SRKR LOLO Band Music Club, SRKR

- Lead and Manage the accounts, including event planning of the official music club of SRKR.

CERTIFICATIONS

Python and C++, Cisco: [\(link\)](#)

- Completed the programming essentials in python certification.

Python and Python, Cisco: [\(link\)](#)

- Completed the programming essentials in python certification.

Machine learning , IBM: [\(link\)](#)

- Completed the machine learning certification.

SQL & Relational databases, IBM: [\(link\)](#)

- Completed the SQL & Relational database certification.

Participations & Achievements

Prajwalan 2k24 ,SRKR Engineering college

- Participated in a hackathon focused on leveraging technology to support local artisans and craftspeople. Designed and developed the frontend of a web platform aimed at promoting traditional craftsmanship and providing greater visibility to local talent.
- The project emphasized user-friendly UI/UX design, cultural relevance, and accessibility. Gained valuable experience in collaborative development and creative problem-solving within a time-constrained environment.

Mern hackathon 2k24 ,SRKR Engineering college

- Participated in a hands-on workshop and hackathon focused on the MERN stack (MongoDB, Express.js, React.js, Node.js). Developed a dynamic **Todo List** web application, gaining practical experience in full-stack development.
- Strengthened skills in frontend design, backend integration, and database management, with a particular emphasis on implementing seamless CRUD operations using MongoDB. Collaborated in a team environment to build and deploy a functional mini-project within a limited timeframe.

GDG hackathon 2k25 ,SRKR Engineering college

- Participated in a hackathon where a web-based **e-waste bidding platform** was designed and developed to promote sustainable disposal and reuse of electronic waste. Built the frontend interface to allow users to list, view, and bid on e-waste items in real-time.
- Focused on delivering a clean, responsive UI/UX that encourages responsible e-waste management through transparent and accessible bidding mechanisms.