Vijayendra Murthy Nandivada

Computer Science and Engineering
Bachelor of Technology
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EDUCATION

Bachelor of Technology in Computer Science and Engineering *2022-2026*

SRKR Engineering College (CGPA-8.90)

Intermediate *2020-2022*

Tirumala Jr College (Marks-954/1000)

PROJECTS

Food Delivery web application *PHP, MySQL, HTML/CSS, JavaScript*

– Developed a full-stack food delivery platform using PHP and MySQL, providing a seamless interface for users to browse menus, place orders, and track delivery status.

– Designed and implemented a responsive, user-friendly frontend using HTML, CSS, and JavaScript, Created secure and scalable backend logic in PHP to manage user authentication, dynamic menu rendering, cart functionality, and order processing.

Waiter Tip's prediction *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 *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.

Bidding web application *MongoDB ,React.js, Node.js, Express.js*

– Developed a dynamic Bidding Web Application enabling users to create, view, and participate in real-time auctions. Integrated user authentication, secure bid handling, and responsive UI for seamless interaction.

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..

– 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, HTML, CSS, JavaScript, PHP

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

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

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

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

Relavent 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

C++, Cisco: (link)

– Completed the programming essntials in python certification.

Python , Cisco: (link)

– Completed the programming essntials 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.