

TARUN KALYANAM

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EDUCATION

Master of Engineering in Computer Science

Anticipated Graduation: Dec 2024

- University of Cincinnati, Cincinnati, Ohio

Bachelor of Technology in Computer Science and Engineering

Jun 2019 – May 2023

- Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, India

EXPERIENCE: WEB DEVELOPER INTERN

Infinity connects media

Jan 2023 - May 2023

- Conceptualized, designed, and implemented a comprehensive restaurant website.
- Collaborated with a team of five members for a visually pleasing, intuitive, and user-friendly experience.
- Optimized the website for mobile devices, increasing mobile traffic and online food orders.
- Spearheaded development using HTML, CSS, JavaScript, and PHP for database integration.
- Designed the website with simplicity and user-centric features.
- Contributed to revenue growth through a seamless online platform.
- Managed the project from conception to completion, ensuring timely delivery and adherence to objectives.

ACADEMIC PROJECTS

GLASS IDENTIFICATION BASED ON OXIDE CONTENT

Jan 2023 – May 2023

- Crafted an application for identifying glass types based on oxide content, showcasing analytical expertise in model performance assessment.
- Evaluated model performance metrics, including precision, recall, accuracy, F-score, and running time, ensuring optimal model performance.
- Achieved a 90% accuracy rate with the Random Forest classifier post-feature scaling using SMOTE oversampling, showcasing exceptional problem-solving skills.
- Implemented effective feature scaling techniques and oversampling strategies, enhancing model accuracy and reliability in glass-type classification.
- Applied machine learning algorithms to analyze oxide content, facilitating accurate glass-type classification and contributing to technological advancement.

E-COMMERCE WEBSITE

Jul 2022 – Aug 2022

- Designed a user-friendly front-end interface with mobile responsiveness, enhancing accessibility and improving user experience.
- Developed a secure and efficient back-end system enabling customers to browse, search, and add items to the cart easily.
- Integrated online payment gateways seamlessly to ensure secure transactions and streamline order processing.
- Optimized site performance and loading speed through responsive design implementation and code enhancements.

SKILLS

Technical Skills

- Programming Languages: Python, C.
- Web Development: HTML, CSS, JavaScript, TypeScript, React, Angular.
- DBMS
- MySQL
- Data Structures
- Problem Solving.
- PowerPoint
- OOPS

CERTIFICATIONS & TRAININGS

- SQL(Basic)Certificate by Hackerrank
- CCNA Introduction to networks by Cisco
- Certificate for web development by Internshala
- Problem Solving (Basic) Certificate by Hackerrank