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CGPA

8.38

INTERESTS

Front-end

CERTIFICATION

Artificial Intelligence

During my 15-day internship at Galvin Technology, Trichy, I gained foundational knowledge in Artificial Intelligence, focusing on basic machine learning models and data preprocessing techniques. I worked on small projects, enhancing my understanding of Al algorithms and their applications in solving real-world problems.
NPTEL

Thrilled to complete the NPTEL Cloud Computing course with 64% and earn the "Elite" certification! Grateful for this opportunity to enhance my cloud knowledge and grow in the tech space.

PROJECTS

RETAIL BILLING

The Retail Billing project is a system designed to automate billing processes in retail stores. It generates invoices, manages product pricing, applies discounts, calculates taxes, and processes payments. The system ensures accuracy, streamlines transactions, and enhances customer service efficiency, while integrating inventory and sales management for improved business operations.

AIR QUALITY MONITORING

The Air Quality Monitoring project tracks and analyzes environmental pollutants in real-time. It uses sensors to measure levels of particulate matter, gases, and other pollutants, providing insights into air quality. This system helps monitor compliance with air quality standards, supports public health initiatives, and aids in pollution control and forecasting.

DOG BREED RECOGNITION WEBSITE

The Dog Breed Recognition project uses image processing and machine learning to identify dog breeds from photos. By analyzing visual features, the system accurately classifies breeds, providing quick and reliable results. This project aids in pet identification, veterinary diagnostics, and can enhance applications in animal care and adoption services.

HAND GESTURE CONTROL LIGHTING

Proud to have completed a project on Hand Gesture Controlled Lighting using Python, Arduino, and a relay module. By leveraging a camera for gesture recognition, the system allows seamless switching of lights with simple hand gestures, showcasing the power of Al and IoT integration.

PAPER PRESENTATION

Blue Brain Technology

I presented a PowerPoint on Blue Brain Technology at Nandha College of Technology, exploring the concept of simulating the human brain using supercomputers. The presentation covered neural networks, brain mapping techniques, and the potential applications of Blue Brain in neuroscience and AL. It enhanced my understanding brain-computer interfaces and cognitive computing.
Virtual reality

I presented a PowerPoint on Virtual Reality (VR) at Sasurie College, focusing on its technology, applications, and future potential. The presentation covered the working principles of
VR, its use in fields like gaming, education, and healthcare, and the impact of immersive experiences on user interaction.It enhanced my knowledge of emerging VR trends.

WORKSHOP

Fullstack simplified

I attended a two-day workshop on 15th and 16th March 2024 at PSG Institute of Technology and Applied Research. The workshop covered advanced topics in Artificial Intelligence and Machine Learning, including hands-on sessions on model development and data analysis. It provided valuable insights into real-world Al applications and enhanced my technical skills.
Fullstack web development

I completed a workshop at Code Purple on 23rd June focused on software development and problem-solving techniques. The session covered key programming concepts, coding best practices, and real-world project implementation. It enhanced my coding skills, particularly in algorithm design, and provided hands-on experience with modern development tools and methodologies.
Generative Al

Excited to have participated in a workshop on Generative Al, exploring cutting-edge technologies like deep learning, neural

networks, and AI- generated content. Grateful for the hands-on experience and insights into the future of AI-driven innovation.

ACHIEVEMENTS & AWARDS

Best Performer of the Year

Honored to receive the Best Performer of the Year award in my 2nd year of B.Tech (IT). This recognition reflects my achievements in chess, letter writing. dancing, and throwball, showcasing a balance of academics and extracurricular excellence.