

S.BOOMADEVI

ProfilePaperpresentationProjectContactAbout

PROFILE

Name : Boomadevi.S

Rollno : 23ITR016

Course : B.Tech


Department : Information Technology

College : Kongu Engineering College,Perundurai

Years : 2024-2027

Languages : Tamil,English

Area of interest: C,Java,Web technology



PAPER PRESENTATION

Title	Outline	PPT	Year
Blockchain beyond cryptocurrencies	Blockchain, beyond its role in cryptocurrencies, offers transformative potential in various industries by providing decentralized, transparent, and secure systems. It enhances supply chain tracking, ensures data integrity in healthcare, enables secure voting systems, and facilitates smarter contracts and digital identities across multiple sectors.	<a href="#">Blockchain beyond cryptocurrencies</a>	2023
IOT-and-Smart-Home-Automation	IoT and smart home automation integrate connected devices to create intelligent, responsive environments that enhance convenience, energy efficiency, security, and user experiences. Through sensors, networks, and automation, smart homes allow users to remotely control lighting, heating, security systems, and appliances, improving daily life while optimizing resource usage.	<a href="#">IoT-and-Smart-Home-Automation</a>	2023
Wireless-communication	Wireless communication enables the transmission of data over distances without physical connections, using technologies like radio waves, microwaves, and infrared. It supports various applications, including mobile networks, Wi-Fi, Bluetooth, and IoT, allowing seamless communication in areas such as healthcare, transportation, and entertainment, while facing challenges like interference, bandwidth limitations, and security concerns.	<a href="#">Wireless-communication</a>	2024
Nanotechnology-Unlocking-the-Invisible-World	Nanotechnology involves manipulating matter at the atomic and molecular scale to create new materials and devices with extraordinary properties. By working at this microscopic level, it unlocks innovative solutions across various fields such as medicine, electronics, energy, and environmental protection, enabling breakthroughs like targeted drug delivery, efficient solar cells, and stronger, lighter materials.	<a href="#">Nanotechnology-Unlocking-the-Invisible-World</a>	2024
AI-and-Robotics-in-Agricultural-Engineering	AI and robotics in agricultural engineering are revolutionizing farming by automating tasks, optimizing crop management, and enhancing productivity. Through the use of machine learning, precision farming techniques, and autonomous machinery, these technologies improve resource efficiency, reduce labor costs, and enable data-driven decision-making for better crop yields, sustainable practices, and overall agricultural innovation.	<a href="#">AI-and-Robotics-in-Agricultural-Engineering</a>	2024

PROJECT

Title	Objective
GEOQUERY	Building a geospatial querying system based on natural language. Identifying geospatial entities by their names. Automatically identifying names of places from a sentence. Single way of spelling and correct spelling.
CHESSGAME	Design: Create a comprehensive chess game with complete functionality. Data Structures: Use arrays, linked lists, or other structures to manage the chessboard and pieces. Algorithms: Implement sorting and search algorithms for efficient piece management. Validation: Ensure move validation adheres to chess rules. User Interface: Develop a command-line interface (CLI) for game interaction and display.
SPIN THE YARN	The Spin a Yarn Game blends chance and creativity, allowing players to spin a wheel for a genre, create stories, and vote for their favorite. It uses Thimster for the GUI and Pygame for the wheel animation, with basic user authentication for a personalized multiplayer experience. The design is flexible, making it easy to add new features or expand gameplay.

Links  
1. GEOQUERY -<https://github.com/boomadevi-s/GEOQUERY>  
2. CHESSGAME -<https://github.com/boomadevi-s/chess-game>  
3. SPIN THE YARN -<https://github.com/boomadevi-s/spintheyarn>

CONTACT DETAILS

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