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EDUCATION

•**Bachelor of Technology in Computer Science and Engineering**   *2021-2025*
Puducherry Technological University, Puducherry   CGPA: 9.16

PERSONAL PROJECTS

•**AI-Powered Email Reply Generator**

A Spring Boot and React.js-based AI system that automatically generates email replies, enhancing communication efficiency.

- Developed an AI-driven system to automate email responses, improving response speed.
- Implemented a Spring Boot backend for intelligent processing and AI integration.
- Designed a React.js frontend for a responsive and intuitive user interface.
- Built a Chrome extension to enable seamless, in-browser email response functionality.
- Technology Used: Spring Boot, React.js, Java, JavaScript, Chrome Extension.

•**Real-time Group Chat Application**

Full-stack chat application with room-based messaging, real-time communication, and persistent storage.

- Implemented room-based chat functionality where users can create or join rooms using unique IDs.
- Integrated real-time communication using WebSocket and STOMP.js to enable instant and reliable message delivery across users.
- Developed backend with Spring Boot and MongoDB to store and retrieve chat history for persistence.
- Designed frontend in React.js for managing user interactions across multiple chat rooms.
- Technology Used: React.js, Spring Boot, MongoDB, WebSocket, STOMP.js.

•**Inventory Management System**

Full-stack application for tracking and managing inventory efficiently.

- Built Spring Boot backend with REST APIs and MySQL for CRUD operations, stock tracking, and report generation.
- Implemented JWT authentication and role-based access control for secure system usage.
- Developed React.js frontend with dashboards, product/category management, and order processing.
- Integrated Axios for smooth frontend-backend communication.
- Technology Used: Spring Boot, React.js, MySQL, JWT, Axios.

EXPERIENCE

−**Web Technology Internship**   *May - June 2023*
Oil and Natural Gas Corporation (ONGC)   Onsite
  * Developed the Visitor Management System to streamline visitor registration, tracking, and approvals.
  * Built a centralized admin panel using PHP, MySQL, HTML, CSS, and JavaScript for efficient visitor management.
  * Implemented features like department/visitor management, date-wise search, and visitor report generation.
  * Improved workflow efficiency and ensured secure, organized tracking of all visitor activity.

TECHNICAL SKILLS

Languages: Java, JavaScript, HTML, CSS, SQL

Frontend: React.js

Backend / Frameworks: Spring Boot, PHP

Databases: MySQL

Other Tools: Git(Basics), GitHub(Basics), JWT

Soft Skills: Problem Solving, Self-learning, Team Player, Leadership, Adaptability

POSITIONS OF RESPONSIBILITY

−**Event Coordinator - Error Debugging** ICON 2024, Puducherry Technological University   *Oct 2024*
  * Planned and organized the Error Debugging event as part of ICON 2024 technical fest.
  * Coordinated with faculty and student volunteers to ensure smooth event execution.
  * Managed registrations and guided participants, contributing to high engagement and participation.