ANTO JOSEPH

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PROFESSIONAL SUMMARY

Full Stack Engineer with hands-on experience in building responsive, user-centric web applications and scalable backend systems. Passionate about web development, with a strong focus on creating efficient, maintainable solutions and continuously improving application performance. Seeking opportunities to contribute to modern, high-impact web projects in a collaborative environment.

EDUCATION

Amal Jyothi College of Engineering (Autonomous), APJ Abdul Kalam Technological University   **2024 – 2026**
Master of Computer Application (MCA)
CGPA: 8.26

MES College Nedumkandam (Aided), Mahatma Gandhi University   **2021 – 2024**
Bachelor of Computer Application (BCA)
CGPA: 6.61

TECHNICAL SKILLS

- **Programming & Core Concepts:** *Python, C, C++, Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA)*
- **Web Development:** *HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Node.js, PHP, RESTful API Design & Integration*
- **Backend & Databases:** *Server-side Web Development, API Security, JSON, MySQL, MongoDB.*
- **Cloud & DevOps Foundations:** *Amazon Web Services, Microsoft Azure, Google Cloud Platform, Deployment & Hosting, CI/CD.*
- **Version Control & Collaboration:** *Git, GitLab, Agile/Scrum Practices*

EXPERIENCE

LCC Computer Education   **Nov 2023 - Jan 2024**
Python Development Intern   *Kochi, Kerala*
- Developed and optimized Python mini-projects using Git version control, improving execution efficiency and debugging accuracy.
- Automated workflow scripts, reducing manual effort by approximately 20%.

Leopard Tech Labs   **Apr 2025 - May 2025**
Node.js Intern   *Kanjirappally, Kerala*
- Built RESTful backend APIs using Node.js and Express, achieving 90% test coverage and supporting feature integration.
- Enhanced AWS-hosted database performance by optimizing queries, improving data handling efficiency by approximately 25%.

PROJECTS

- **Pneumonia Detection System using Machine Learning (*GitHub Link*)**
  Implemented a CNN-based pneumonia detection model in Python with Django backend and SQLite database, achieving improved classification accuracy through optimized training and API integration.
- **Room Booking System (*GitHub Link*)**
  Built a room booking platform using Node.js and MongoDB, enabling real-time booking management and seamless data storage.
- ***Full-Stack Car Rental System (Live Link)***
  Designed and deployed a full stack car rental system using Node.js and MongoDB, implementing RESTful APIs, database optimization, and cloud deployment to improve user accessibility and system efficiency.
- **Real-Time IoT Security System (*GitHub Link*)**
  Created an IoT security dashboard using ESP32, Proximity Sensor, and sound sensors with Node.js and Socket.IO, delivering live event streaming with low-latency visualization, real-time intrusion detection, WebSocket-based communication, and scalable event handling for continuous monitoring.

CERTIFICATIONS

- **Human-Computer Interaction (HCI):** *NPTEL, Indian Institute of Technology (IIT), Delhi.*
- **Introduction to Internet of Things (IoT):** *NPTEL, Indian Institute of Technology (IIT), Kharagpur.*
- **ISTE Student Membership Certificate:** *Indian Society for Technical Education(ISTE).*
- **NOSQL Course Training – MongoDB Developer:** *Infosys Springboard.*
- **React.js:** *Infosys Springboard.*

AWARDS

- Ranked in Principal's Honor List (S1,S3) - Public Verification Link
- Ranked in Director's Honor List (S2) - Public Verification Link