

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
- **Version Control & Collaboration:** Git, GitLab, Agile/Scrum Practices

EXPERIENCE

LCC Computer Education Nov 2023 - Jan 2024
Python Development Intern Kochi, Kerala

- Created 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

- **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.
- **IoT-Based RFID Attendance System ([GitHub Link](#))**
Developed automated attendance tracking using ESP32 with RC522 RFID reader, implementing SPI protocols and NTP synchronization for accurate timestamp logging. Built Node.js REST API backend and responsive web dashboard for real-time attendance monitoring and historical data visualization.

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) - [Public Verification Link](#)
- Ranked in Director's Honor List (S2) - [Public Verification Link](#)