

# Jeeva Pravin

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## Education

- Shiv Nadar University, Chennai  
Bachelor of Technology – Computer Science Engineering (IoT)  
2024 – 2028  
CGPA: 9.1 / 10.0  
August 2024 – April 2028

## Experience

- **AI + Sustainability Virtual Intern – 1M1B & IBM SkillsBuild** December 2025 – January 2026
  - Completed a structured virtual internship focused on AI for Sustainability and Social Impact
  - Learned applications of AI in climate action, SDGs, and responsible innovation
  - Gained exposure to real-world AI use cases aligned with sustainability goals
- **Applied AI Intern – CSRBOX–AICTE IBM SkillsBuild** December 2025 – January 2026
  - Completed an internship on Applied Artificial Intelligence
  - Worked on AI concepts including data understanding, model design, and AI solution building
  - Strengthened practical knowledge of deploying AI systems for real-world scenarios

## Projects

- **Smart Text Helper – GenZ / Professional Translator for WhatsApp**  GitHub
  - Developed a browser-based smart text assistant with right-click context menu actions
  - Implemented slang clarification, tone conversion (**GenZ ↔ Professional**), and multilingual translation
- **Wi-Fi Device Tracker (Flask + Scapy + MySQL)**  GitHub
  - Built a real-time web application to **track devices connected to a Wi-Fi router**
  - Displayed MAC address, IP address, and data usage with MySQL-based data logging
- **MedBot – AI Medical Advisor (LLaMA-2 Based)**  GitHub
  - Developed an AI-powered medical query assistant fine-tuned on medical textbooks using **LLaMA-2**
  - Designed to provide reliable responses for basic medical-related queries
- **AI-Powered Ground Bot for Precision Agriculture**  GitHub
  - Designed an autonomous bot using AI-based image processing for crop identification
  - Implemented **selective pesticide spraying** with plant-to-plant movement
- **FuelBlend Properties Prediction**  GitHub
  - Developed machine learning models to predict key fuel properties for petrol/diesel blends
  - Implemented and evaluated multiple **regression algorithms**

## Technical Stack

- **Programming & Web:** Python, Java, C, C++, Flask, FastAPI, REST APIs, HTML, CSS, JavaScript
- **AI / ML & GenAI:** Machine Learning, Generative AI, LLaMA-2, Pinecone, ChromaDB
- **Databases & Cloud:** MySQL, MongoDB, AWS Basics, Embedded Systems, Sensor Integration
- **Design & Core CS:** Figma, UI/UX Design, Wireframing, Prototyping, Data Structures

## Certifications and Achievements

- Programming in Java – **NPTEL**
- Machine Learning Specialization – Andrew Ng (Stanford University, Coursera)
  - Currently learning
  - Completed Course 1: **Supervised Machine Learning** (Regression & Classification)
- Google UX Design Professional Certificate – Coursera
- Microsoft AI Skills Challenge – **GitHub AI & Azure Fundamentals**
- Machine Learning & AI Basics – Microsoft Learn
- AI + Sustainability Virtual Internship – 1M1B & IBM SkillsBuild
- Applied AI Internship – CSRBOX–AICTE IBM SkillsBuild
- Top 25 finalist – **Shell AI Hackathon (2025)**