

NITIN DANTANI

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🌐 github.com/nitindantani

EDUCATION

Saffrony Institute of Technology

June 2022 – June 2026

Bachelor of Engineering in Computer Engineering

CGPA: **7.35/10**

INTERNSHIP

CSRBOX

July 2025 (2 Weeks)

AI/ML Intern

Remote / On-site

- Implemented core concepts of AI Agents including task planning and automated workflows.
- Applied Machine Learning techniques such as preprocessing, supervised learning, and model evaluation.
- Developed basic chatbot systems using NLP and conversational logic.
- Explored real-world AI applications through CSRBOX learning modules.

PROJECTS

Ticketless Entry System (TicketQR) ↗ 🌐 (HTML, CSS, JavaScript, PHP, MySQL)

- Built a ticketless entry system with responsive UI using HTML, CSS, and JavaScript.
- Used **PHPMailer** for OTP verification and email delivery of PDF tickets.
- Generated digital tickets using **TCPDF** and validated entries with QR codes.
- Designed MySQL database schema for user and entry management.
- Designed to reduce manual verification and improve secure digital entry management.

AI-Based Career Guidance System ↗ 🌐 (Python, Flask, scikit-learn, HTML, CSS, JavaScript)

- Developed a Machine Learning-based career recommendation engine using scikit-learn.
- Integrated the **OpenAI API** to power chatbot-based career assistance.
- Implemented autocomplete and structured dropdowns for cleaner user input.
- Aimed at supporting students with data-driven career decisions using AI assistance.

Weather Web App ↗ 🌐 (HTML, CSS, JavaScript, Open-Meteo API)

- Built a responsive weather web application using the **Open-Meteo API**.
- Implemented city-based search to dynamically fetch real-time weather data.
- Displayed temperature, humidity, wind speed, and weather conditions using the Fetch API.
- Deployed on GitHub Pages for public access.

TECHNICAL SKILLS

Programming / Scripting: Python, JavaScript, PHP, C, C++

Web Technologies: HTML, CSS, JavaScript (ES6+), AJAX, REST APIs

Frameworks / Libraries: Flask, scikit-learn, jQuery, PHPMailer, TCPDF, QR Code Generator

AI / ML: Machine Learning, scikit-learn, AI Agents, OpenAI API, Chatbots

Database: MySQL

Tools & Platforms: VS Code, Git, GitHub, Docker, Render, Vercel

CERTIFICATIONS

- Mastering Data Structures and Algorithms – Udemy
- Python Programming – Udemy
- AI/ML & Chatbot Development Internship – CSRBOX