

# Abhay Sreenath Manikanti

Artificial Intelligence Intern

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Computer Science student with experience in AI, automation, and data-driven process optimization. Skilled at enhancing efficiency and reducing costs, eager to apply technical and strategic expertise to impactful roles in finance and business management.

## Work Experience

### Artificial Intelligence Intern

Aug 2025 - Present

*Fortive*

- Developed RPA automation workflows, saving 30+ hours of employee time yearly across multiple teams.
- Built an AI Agent Mentor to support employee training in Kaizen methodology and business principles.
- Created the Nimbus-AI Chatbot for Fluke Corporation, saving 500 hours annually and reducing costs by £35,000.
- Designed machine learning pipelines to analyze and improve workflow efficiency, driving operational excellence.
- Enhanced reporting dashboards with automated insights, reducing manual effort for managers.
- Collaborated with cross-functional teams to integrate AI solutions into existing business systems, ensuring smooth adoption and measurable impact.

## Projects

### Park-Ease (Smart Parking System)

Developed a React + NodeJS containerized web app for real-time parking availability and spot booking. Deployed on Netlify.

### Intelligent Resume Screening (UiPath)

Built an AI-powered RPA workflow using UiPath Document Understanding for automated candidate shortlisting.

## **Aegis AI - Fraud Detection System**

AI/ML-powered fraud detection system built with Python (FastAPI, XGBoost – 99.93% accuracy) and deployed on Google Cloud Run with Docker. Features a Next.js/TypeScript/Tailwind frontend delivering explainable ML insights, real-time WebSocket transaction streaming, and a polished banking-style dashboard.

## **Core Skills**

AI/ML Models, RPA, UiPath, Data Visualization, Data Analysis, Azure AI Foundry, Python, Java, C++, JavaScript, SQL, Docker, Git, Pytest, Project Management, Process Optimization, Analytical Thinking, Communication, Leadership

## **Education**

**BMS College of Engineering, Bangalore**

Jul 2026

**B.Tech** Information Science & Engineering

GPA: 7.9/10

## **Certificates**

**Advanced Certification in Data Science & AI**

IIT Madras

**ML & AI Using COVID-19 Data Analysis**

IIT Roorkee & Finland Labs

## **Publications**

**Ambulance Congestion Control using AI & IoT Devices**

IJCRT Journal

[www.ijcrt.org/papers/IjCART2501340.pdf](http://www.ijcrt.org/papers/IjCART2501340.pdf)