





NIRUPAM PM

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PROFILE SUMMARY

Enthusiastic MCA graduate and Machine Learning intern skilled in Python, Java, and full-stack web development (PERN stack). Passionate about developing AI-driven and data-centric solutions while contributing to scalable software systems.

INTERNSHIPS

Software Developer Intern, Krazy Tech Business Solutions Pvt Ltd 05/2025 – 07/2025

- Developed RESTful APIs using Node.js, Express, and PostgreSQL for authentication and user registration modules.
- Designed a full-stack Event Planner web app using the PERN stack, improving data management efficiency.
- Documented APIs using Swagger and tested endpoints via Postman.

IT Intern, Ekennis Software Services Ltd 10/2022 – 12/2022

- Assisted in company IT operations and website design using WIX.
- Contributed to on-page SEO and visual edits using Canva.
- Supported team-based IT projects ensuring timely completion and accuracy.

EDUCATION

Master of Computer Applications (MCA) - 8.72 CGPA, 02/2024 – 09/2025

The National Institute of Engineering

Key Courses: Machine Learning, Generative AI, OS, Data Structures & Algorithms

Bachelor of Computer Applications (BCA) - 9.02 CGPA, 09/2020 – 08/2023

Christ Academy Institute for Advanced Studies, Bengaluru

Key Courses: Java Programming, DBMS, OS, Data Structures & Algorithms, Web Programming

TECHNICAL SKILLS

Languages

Python, Java, JavaScript, SQL

Frameworks/Tools

Node.js, Express.js, React.js, Flask

Machine Learning

Scikit-learn, Pandas, NumPy, Matplotlib, YOLOv8

ACHIEVEMENTS

Gold Medal, *23rd National Science Congress*

Event Coordinator, *Technovanza IT Fest (College Level)*

Winner, *Various cultural and sports events*

PROJECTS

SafeSketch AI System

Developed a dual-module AI system integrating YOLOv8 for PPE detection and GAN-based sketch-to-image generation. Enabled real-time detection of safety gear and automated design visualization. Implemented event logging and data storage via SQLite for analysis.

Stock Prediction App

Built a Flask web application to forecast stock prices using Linear Regression with lag features. Displayed predictions and trends via dynamic charts, allowing users to visualize real-time market insights.

Online Fire Crackers Website

Developed a full-stack website using HTML, CSS, and PHP to enable browsing, ordering, and tracking of firecracker products. Integrated admin controls for managing inventory, registrations, and order tracking.

CERTIFICATIONS

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| • - Build Intelligent Agents
Using DeepSeek & N8N -
Machine Learning - Corizo
EduTech | • - Python Basics University of
Michigan - Technical
Support Fundamentals -
Google | • - Getting Started with AI
using IBM Watson - IBM |
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