

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

- - 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