

NOEL JESUDAS THAREPARAMBIL

Thane, Maharashtra

☎ +91-9004063351 ✉ noel.jesudas.t@gmail.com  [Noel Jesudas](#)  [Noel Jesudas](#)

SUMMARY

Aspiring Machine Learning and Python developer currently pursuing a Bachelor's degree in Information Technology. Passionate about building intelligent, data-driven solutions and exploring the intersection of AI and software development. Actively seeking opportunities to apply technical skills in a real-world setting and grow through collaborative innovation.

EDUCATION

Saraswati Vidyalaya School, G.B Road, Thane(W) -SSC Percentage - 77.8	2019 – 2020 Thane, Maharashtra
Narayana Jr College, Kolshet, Thane(W) -HSC Percentage - 94.67	2021 – 2022 Thane, Maharashtra
Fr. C Rodrigues Institute of Technology -Bachelors of Engineering in Information Technology - CGPA - 7.20	3rd Year Pursuing Vashi, Maharashtra

PROJECTS

Movie Recommendation System	2025
<ul style="list-style-type: none">– Developed a content-based movie recommendation system using TF-IDF vectorization and cosine similarity.– Integrated English and Hindi movies, ensuring a 60:40 dataset balance to address cultural bias.– Fetched and parsed additional Hindi movie data via TMDB API to enhance diversity.	
Market Basket Analysis	2025
<ul style="list-style-type: none">– Created dynamic visual dashboards using Plotly for support, confidence, and lift.– Collaborated with team members for data mining, visual design, and deployment.	
Football Web Page for Drishti Technology Live Site	2025
<ul style="list-style-type: none">– Designed and developed a responsive web app showcasing AI-powered football analytics.– Presented products like MAANVI (match analytics) and Vision Pro (real-time foul detection).– Used scroll-triggered animations with AOS.js for better user engagement.	

EXPERIENCE

Time Series IoT Datalogger Platform <i>Full Stack Developer Intern</i>	06 2025 – 08 2025 Thane, Maharashtra
<ul style="list-style-type: none">– Tech used: React, FastAPI (Python), MongoDB, ApexCharts– Developed a role-based IoT data logging platform where users can view, analyze, and export sensor readings while admins manage devices, users, and templates.– Implemented REST APIs in FastAPI for authentication (JWT), device assignment, real-time sensor data upload, and logging of admin/user actions.– Built a React frontend with ApexCharts for time-series visualization, supporting zoom, hover-tooltips, and custom time range selection.	
Dynamic Water Management System For Multipurpose Usage <i>Team Member</i>	08 2024 – 12 2024 Vashi, Navi Mumbai
<ul style="list-style-type: none">– Tools: LabVIEW 2019, Python, Tkinter, XGBoost– Built a predictive water tank management system using real-time simulation and ML.– Achieved 96% accuracy using XGBoost to predict remaining water supply and refill time.– Created a user-friendly Tkinter GUI for input and output visualization.	

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, SQL, NoSQL, HTML, CSS
Developer Tools: VS Code, Git, GitHub, AWS, Postman
Frameworks: ReactJS, NodeJS, ExpressJS, Flask

EXTRACURRICULAR

IEEE FCRIT

08 2024 – Present

Assistant Treasurer

Vashi

- Managed budgeting, expense tracking, and financial reporting.
- Prepared audit-ready reports for internal and external review.

CAREER ASPIRATIONS

- Seeking opportunities in Python and Machine Learning to solve real-world problems.
- Eager to work on data projects and gain experience deploying ML solutions.
- Aspire to contribute to innovative teams building scalable, intelligent systems.