THOMAS MATHEW

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Software Developer

PROFESSIONAL SUMMARY

Computer Science graduate specializing in Python, Java, and Django. Experienced in building full-stack applications and production-ready AI/ML pipelines with a focus on scalable backend solutions. Proven ability to deliver data-driven insights through API integration and automation.

TECHNICAL SKILLS

- **Languages:** Python, Java, C, SQL, HTML
- **Technologies and Tools:** Django, Flask, Pandas, TensorFlow, API, Git, Jupyter Notebook
- **Core Competencies:** Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), Artificial Intelligence (AI), Machine Learning (ML), Deep Learning, Data Analysis, Data Visualization

EDUCATION

University College of Engineering - *Thodupuzha, Idukki, Kerala*   [2021-2025]
    Bachelor of Technology - Computer Science and Engineering
    CGPA: 6.51   (APJ Abdul Kalam Technological University)

St. Thomas Higher Secondary School - *Erattayar, Idukki, Kerala*   [2019-2021]
    Higher Secondary
    Score: 92%   (Directorate of Higher Secondary Education)

INTERNSHIP

AI Engineer Intern - Rubixe   (6-Months)

- Built production-ready ML pipelines using Python for Telecom Churn and House Price Prediction using XGBoost/Random Forest, achieving 0.73+ ROC-AUC.
- Developed computer vision models for Pneumonia X-ray and Rice Leaf Disease detection using CNNs with data augmentation, reaching 83%+ validation accuracy.
- Delivered time-series forecasting and workforce analytics solutions for COVID-19 India and Employee Performance, enabling data-driven insights.

PROJECT WORK

Ohari: Full-Stack Stock Forecasting Platform

- Built a Django-based LSTM stock predictor with API integration, achieving 90%+ accuracy.
- Combined price data and NLP sentiment to analyze market volatility.

Neorvex: Product Recommendation System

- Developed scalable Django e-commerce scraping with Scrapy and Selenium.
- Implemented sentiment-driven product ranking using review data.

CERTIFICATIONS & PROFESSIONAL TRAINING

- **Certified Data Scientist** - IABAC   (Jan 2026 – Jan 2029)
- **Artificial Intelligence Expert** - IABAC   (Jan 2026)
- **Python Django 101** - Simplilearn   (Jan 2026)
- **AI Engineer Program** - Datamites   (6-Month Professional Training)