

Noel Jacob

PGDM Student (Finance and Analytics) and Programmer

Kochi, Kerala | noeljacob91@gmail.com | +91 79940 18147 | linkedin.com/in/noel-jacob | github.com/noeljacob

About

Hardworking **PGDM (MBA) student** with a passion for Finance, Accounting and Statistics subjects. I focus on using mathematical methods to solve real-world financial challenges. I am also a self-taught **Machine Learning expert** who can adapt to industry requirements. **I learn fast, think hard, and deliver results.**

Education

University of Padova, Erasmus in Computational Finance (ML), Business Management – Feb 2025 – July 2025
Padova, Italy

- Took part in various math and quant workshops by industry leaders

Rajagiri Business School, PGDM (MBA) in Finance and Analytics – Kochi, India July 2024 – Mar 2026

- Current **Technology Lead** of IEDC, the college startup incubator
- Part of organisers for Rajagiri National Business Quiz, India's 2nd largest, and increased participation by 40%
- Attended Bangalore Tech Fest, representing college, to understand current tech landscape

Mahatma Gandhi University, BA in English July 2020 – Mar 2023

- Did final thesis on LLMs and English language

Accomplishments

- Erasmus+ Scholarship** Fully funded exchange at University of Padova, Italy by EU (2024)
- Rajagiri Scholarship for Excellence (RiSE)** Highest fee waiver awarded among all winners (2024)
- CAT Exam - 91.25 %ile** nationally (95.8% Quants, 96.6% Verbal) (2023)
- XAT Exam - 90.1 %ile** nationally (97.5% Decision Making) (2024)
- Master of Computer Applications Entrance - Rank 101** in Kerala State (2024)
- (Upcoming) **CFA Level-I** Registered for 2026 May exam (2026)

Experience

Co-Founder & CTO, **Pangolin Analytics** Remote
• Bootstrapped a consulting company to gain experience solving real world problems Nov 2025 – present
• Supported by co-founders from Oxford University and Glasgow University, UK

Live Project, **Grant Thornton Bharath** Remote
• Measured the impact of Quick Commerce on Kirana stores after taking questionnaire based survey of stores in Ernakulam and Thrissur district Sept 2025 – Oct 2025
• Assimilated the survey data and did a presentation of Quick Commerce impact at different geographies

Skills

Tools: Excel, Alteryx, Mathematica, SPSS, Stata

Finance: Reconciliation, Financial Accounting, Transactional, Fraud analysis

Quant: Financial Modeling, Time-series analysis, Statistical analysis

Tech: Python, Rust, JavaScript, PyTorch, CatBoost, Llama.cpp, N8N, Flutter, Pandas, SQL

Infrastructure: Docker, Github actions, Amazon AWS, Google cloud platform, LLM deployment, AI-agent workflow

Publications

(Upcoming) **Effect of Energy Usage of Public Bitcoin Mining Firms on Price Ratios** 2026

Co-authored by Prof. Rintu Anthony, this paper uses a novel approach of generating a synthetic score for energy consumption by ingesting regulatory filings using LLM. Then, finds its effect on company's return-over-assets.

Noel Jacob, Prof. Rintu Anthony

Projects

Delulu AI	Sept 2024
LLM chat app like Perplexity but with your API keys and open-source models (rust, flutter, langchain lib)	
Arch Linux Package Maintainer – github	Apr 2024
Distributes builds of packages like Bun (fastest JS runtime) for Arch users (rust, github actions)	
Zig Compiler Manager – github	Mar 2024
Install and manage different versions of compilers for Zig language (rust, clap lib)	
Crypto Wallet – github	Nov 2022
Crypto wallet for Algorand blockchain, with NFT support. Built for Win, Linux, Mac platforms (rust, javascript, tauri lib)	
Algotrader for Crypto	Feb 2022
Trades multiple crypto pairs by scraping sites for buy sell signals and uses Binance API. (javascript, nodejs)	
COVID Dashboard	June 2021
Shows graph with spread per country with AI spread predictions. (redis, redis AI, react)	

Professional Certificates

- NISM: Mutual Fund Distributors** Allows to distribute mutual funds to consumers in India (2025)
- Alteryx Core** Use Alteryx to create low-code workflows (2025)

Course Certificates

Total: 52 courses completed on Coursera, edX, etc

Finance (11): Risk Management, Global Markets, Fraud Analysis from KPMG, ISB (2), LMU Munich (3), etc

Machine Learning (21): Deep Learning, NLP, RL from IBM (2), Washington University, Helsinki University, etc

Data Science (4): Python libraries from Johns Hopkins University, IBM, University of Michigan

Blockchain (16): Smart Contracts from INSEAD (11), University at Buffalo (5), University of Nicosia

Extracurricular Activities

- Agentic AI Challenge - 1st** at Rajagiri Business School (2025)
- Best Manager Competition - Finalist** at SCMS College fest (2025)
- Best Manager Competition - Finalist** at SCMS College fest (2024)
- MindsDB Machine Learning - 2nd** (2022)
- Ton Blockchain Smart Contract - Shared prize** pool money (2022)
- Machine Learning Challenge - 1st** at SRM University fest (2020)