PARAMESHWARAN VIJAYAKUMAR
Investment MSc | Financial Data & Analytics | Automation/QA (5 yrs)
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LinkedIn: http://linkedin.com/in/parameshwaran-vijayakumar |
Project Demo: https://terminal.vpnparamesh.click/ |
GitHub: https://github.com/FidesFiscus/FIU-Alpha-Terminal.git

PROFESSIONAL SUMMARY

➔ MSc Investments candidate (University of Birmingham) transitioning from 5+ years in QA Automation/DevOps into finance/FinTech.
➔ Built an AI-enabled Financial Intelligence Terminal prototype to help students learn finance using real-time news + analytics tools (rapid prototyping with LLM-assisted development).
➔ Strong in data validation, automation, and analytical tooling (Python, SQL, Excel, Stata/R) with finance foundations (valuation, asset pricing, risk).

EDUCATION

➔ University of Birmingham | Birmingham, UK.
 MSc in Investments | Sept 2025 – Sept 2026 (Expected).
➔ St. Joseph's College of Engineering (Anna University) | India.
 Bachelor of Engineering in Mechanical Engineering | June 2015 – May 2019.

WORK EXPERIENCE

➔ AGILIAD TECHNOLOGIES PRIVATE LIMITED | Senior QA Analyst/DevOps | Pune, India.
 (Aug 2022 – Sept 2025)
 ● Improved testing efficiency by 40% by leading automation projects, reducing manual regression testing time from 3 days to 4 hours.
 ● Executed 50+ regression cycles and identified 100+ defects/anomalies pre-release, improving release stability and reducing post-release fixes.
 ● Reduced critical bugs by 25% by applying risk-based testing to prioritise 200+ scenarios and automate high-impact paths first.
 ● Built TestRail/Jira reporting from complex datasets to improve delivery visibility for 5 project managers (coverage, failure trends, risk hotspots).

➔ TECHCENT IT SOLUTIONS | Automation Test Engineer | Coimbatore, India.
 (May 2019 – July 2022)
 ● Cut manual testing time by 30% for core modules by developing and executing 100+ automated test scripts (Java/Selenium).
 ● Delivered testing milestones across 12 consecutive sprints by owning estimates, test planning, and defect triage within Agile/Scrum.

PROJECTS (FINTECH + FINANCE)

- Financial Intelligence Terminal (Prototype) | React/TypeScript, Python, SQL | [https://github.com/FidesFiscus/FIU-Alpha-Terminal.git] | [https://terminal.vpnparamesh.click/]

  - ➔ Built a student-focused finance intelligence platform that aggregates financial news and converts it into structured learning outputs (key drivers, risks, and concept links).
  - ➔ Implemented a pipeline for news ingestion, tagging, and summarisation with a consistent "analysis template" to reduce noise and improve interpretability.
  - ➔ Developed interactive modules (e.g., market overview dashboards and guided analysis views) to support learning in valuation, rates, and macro/markets.
  - ➔ Applied QA-style validation (edge cases, data checks, regression testing mindset) to improve reliability of outputs and reduce erroneous/duplicated signals.
- Built a 3-statement forecast and 10-year DCF valuation for a Defence & Aerospace company; estimated ~15% undervaluation and validated results using sensitivity tables (WACC/terminal growth) and scenario analysis.
- Performed Comparable Company Analysis (10 peers) and derived valuation ranges using EV/EBITDA and P/E; documented peer selection rationale, outlier handling, and multiple reconciliation.

CERTIFICATIONS

- Financial Modeling & Valuation Analyst (FMVA®) – Corporate Finance Institute (CFI) | (In Progress) | 2025.
- Stock Market Fundamentals & Accounting Fundamentals (CFI) | 2025.
- Scrum Master Certification (Agile) | 2024.

SKILLS

- Finance: DCF, Comparable Company Analysis (CCA), Equity Valuation, Asset Pricing (CAPM, APT), Portfolio Management (MPT).
- Quant/Risk: Time-series analysis, Volatility modelling (GARCH), Risk metrics (VaR, Expected Shortfall).
- Tools: Advanced Excel, Python (Pandas, NumPy), SQL, R, Stata, EViews, Git.
- Engineering/Delivery: Test automation (Selenium/Java), Agile/Scrum, Jira, TestRail.
- Interests: Quant investing, risk management, econometric analysis.