

# MUHAMMED SHADIN A

Business Analyst | AI Solutions & Growth

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## SUMMARY

Business Analyst with hands-on AI product experience. At Hancod, documented 12+ product modules (FSD, HFD, FRD) and ran end-to-end UAT and defect triage across design, engineering and QA; independently built and shipped FinChat, a live 7-agent AI platform with multi-provider LLM routing. Understands GenAI systems from the inside — RAG pipelines, agent workflows, MCP tool orchestration and checking agent run outcomes before delivery — and translates business needs into requirements engineers can build. Now Growth Manager Trainee owning acquisition and conversion on a live product. MBA in Financial Technology.

## CORE SKILLS

**Business Analysis:** Requirement gathering & documentation (BRD, FRD, FSD, HFD), user stories & acceptance criteria, process mapping, gap analysis, UAT & defect triage, stakeholder management

**AI & Automation:** RAG pipelines, agent workflows, MCP tool orchestration, multi-provider LLM routing, vector databases, checking agent run outcomes before delivery

**Delivery:** Agile/Scrum ceremonies, backlog grooming, sprint planning, release coordination, cross-functional facilitation

**Data & Technical:** SQL, Power BI, Tableau, Python (Pandas), financial & risk analysis, REST APIs, PostgreSQL/MySQL, Git/GitHub

## EXPERIENCE

### Hancod

Mar 2026 – Present

#### Growth Manager Trainee

June 2026 – Present

- Drive growth for a live service website, owning user acquisition and conversion.
- Shape product priorities using market and customer insights to guide roadmap decisions.
- Translate business goals into build-ready requirements for engineering and design.

#### Business Analyst Intern

Mar 2026 – May 2026

- Authored FSDs, HFDs & FRDs for 12+ product modules, improving scope clarity and reducing rework.
- Led end-to-end application testing, from test scenarios and defect tracking to closure.
- Bridged UI/UX and engineering, translating designs into functional specifications and validating builds.
- Facilitated cross-functional requirement walkthroughs.

## SELECTED PROJECTS

### FinChat — Multi-Agent AI Intelligence & Productivity Platform

Solo product owner & builder | Node.js, PostgreSQL, multi-provider LLM routing | [Live](#) | [GitHub](#)

- Built and shipped a 7-agent platform that runs scheduled daily missions end to end.
- Raised scheduled-run success from 29% to 100% in 4.5 days (183 errors and budget overruns to 0) via budget, context and provider fixes.
- Cut the orchestrator agent's failure rate from 73% to 0% by adding a paid provider and fallback routing for when free-tier quotas ran out.
- Cut tokens per run by 37% after finding 86% went to re-reading the prompt, by scoping each agent's tools and capping chat history.
- Stopped failed runs being published as reports by checking each run's recorded outcome before delivery.
- Designed a bring-your-own-key model so AI cost scales per user, not per platform.

### Crypto Wallet Risk Prediction System

Python, Scikit-learn | [GitHub](#)

- Built an imbalanced-classification study on a synthetic wallet dataset; showed a 78%-accuracy model that caught no high-risk wallets, and reported recall and ROC-AUC instead.

## CERTIFICATIONS

- **IBM Data Science Professional Certificate** — ML pipelines, analysis and dashboards in Python and SQL.
- **RAG for Generative AI Applications Specialization** — IBM — retrieval-augmented systems with LangChain, FAISS, vector DBs.
- **Introduction to Model Context Protocol** — Anthropic — tool orchestration for multi-step AI workflows.

## EDUCATION

MBA — Financial Technology | Pondicherry University (Central University)

2024 – 2026

BCA | Punjab Technical University, Chandigarh Group of Colleges

2020 – 2023

## LEADERSHIP & ACTIVITIES

TEDx Pondicherry University 2025 — speaker liaison for G. Karthikeyan (Founder, Srishti Village); coordinated speaker, team and university admin.

BANQUEST 2024 — Student Coordinator, department flagship industry-academia programme.