

Ansif P I

Systems Architect | Quantitative Developer | Founder



Professional Summary

20 years of core engineering experience (2006–present)—spanning real-time financial systems, embedded protocol logic, and algorithmic compliance—not limited to startup tenure. Veteran **Systems Architect & Founder** who built a scalable delivery machine at SevenDyne: **25+ projects, 10+ long-term contracts**.

Automation of complex Indian statutory laws (TDS, PF, ESI) as **mathematical logic problems**; design of logic engines for payroll and compliance.

Current focus: **FinTech, RegTech, Compliance Automation, and Algorithmic Accounting**—logic modeling, variance detection algorithms, and stochastic payroll modeling for markets including **Middle East (Saudi Arabia / UAE)**.

Core Expertise

Technical: Real-time & low-latency (trading room software, .NET/C++, real-time data processing; C++/Qt, USB protocol testing, hardware–software integration). Full-stack: Node.js, Spring, Laravel, Ruby on Rails, Angular; PostgreSQL, MySQL, REST APIs, Linux. Languages: C++, Python, Java, Ruby, JavaScript.

Mathematical & Quantitative: Payroll mathematics (salary computation engines, deduction algorithms, variance detection algorithms, stochastic payroll modeling). Financial analytics (revenue forecasting, payroll cost analysis, algorithmic validation). Compliance & RegTech (logic modeling for TDS/PF/ESI; statutory automation; algorithmic accounting). HR & operations metrics.

Learning: edX Financial Analysis, Coursera Business Analytics.

Professional Experience (Reverse Chronological)

Systems Architect & Founder — SevenDyne Consultancy Services LLP

2012 – Present

- Architected and scaled delivery: **25+ projects, 10+ long-term client contracts**; led software development and client management.
- Built the **SevenDyne Logic Engine** for payroll and compliance: logic modeling, algorithmic validation, variance detection algorithms, and stochastic payroll modeling for Indian statutory frameworks (TDS, PF, ESI).
- Delivered FinTech / RegTech solutions: compliance-oriented financial workflows, TDS & statutory automation, workforce platforms, revenue & cost monitoring.
- Compliance Automation and Algorithmic Accounting at the intersection of statutory rules and salary mathematics.

Software Developer — Hexosys (Malaysia)

2009 – 2011

- C++/Qt development; USB protocol testing with emphasis on **algorithmic complexity** of protocol validation and state-machine logic.
- Hardware–software integration for embedded and industrial systems.

Software Trainee / Junior Developer — Integral & UCI (Trading / Financial)

2006 – 2009

- Trading room software: .NET/C++, **real-time data processing** for financial environments.
- **Real-time logic for financial trading systems**; foundations in C++, structured logic, and

system-level thinking.

Education

B.Tech, Computer Science — TKM College of Engineering, Kollam, Kerala (2006).

Contact

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