

Ansif P I

Software Auditor | Technical Architect | Systems Consultant

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SUMMARY

Independent Software Auditor and Technical Architect with 18+ years of experience reviewing, stabilizing, and scaling complex software systems.

I specialize in code audits, architecture reviews, performance optimization, and technical due diligence for startups and established companies. Clients engage me when systems become difficult to extend, unstable under load, or risky to scale.

I work directly as a consultant and also deliver larger engagements through SevenDyne, providing staffing and long-term execution when required.

SKILLS

Audit & Architecture:

- Code audits, system design, performance tuning
- Legacy-system modernization
- Risk & scalability assessment

Backend Systems:

- Python (Django, FastAPI), Java (Spring Boot), [Node.js](https://nodejs.org/), C++ / Qt, .NET

Data & Infrastructure:

- PostgreSQL, SQL Server, Redis
- AWS, Docker, CI/CD

AI & Automation:

- OpenAI / LLM integration
- Workflow & recruitment automation

EMPLOYMENT & PROJECT DETAILS

Employer: Quantyf, Germany (Dec 2024 - Nov 2025)

Projects: Reviewed and optimized Python-based data analysis systems using mathematical optimization libraries. Identified performance and architecture improvements for scalable execution.

Employer: CSR Informatics Gmbh, Germany (May 2022 - Sept 2024)

Engaged as a senior consultant to audit, architect, and guide delivery of AI-driven, data-intensive, and enterprise web platforms. Worked closely with stakeholders and engineering teams to ensure scalability, maintainability, and production stability.

Project 1: AI-Driven Recruitment Automation (Zoho Recruit)

June 2024 – Aug 2024

- Audited existing recruitment workflows and automation gaps
- Designed system architecture for AI-assisted job search and candidate matching
- Defined data ingestion, indexing, and search optimization strategy
- Technologies used are Python, OpenAI API, SQL, Web Applications
- Team included 4 members

Project2: E-commerce & Data Intelligence Platform

June 2023 – June 2024

- Reviewed legacy e-commerce and data extraction pipelines
- Identified performance, scalability, and maintainability risks
- Designed modular architecture for data scraping, transformation, and analytics
- Architected Ruby on Rails backend with Python-based data processing
- Guided AI-powered web scraping using OpenAI
- Optimized SQL Server usage for reporting and long-term storage
- Technologies used Ruby on Rails, Python, OpenAI, SQL Server, Web Scraping
- Team included 4 members

Project3: Restaurant Analytics & Reporting Dashboard

May 2022 – June 2023

- Audited analytics requirements, data flow, and reporting accuracy
 - Designed scalable analytics architecture for multi-restaurant datasets
 - Reviewed frontend/backend separation and data aggregation strategy
 - Guided Angular frontend architecture and component design
 - Reviewed Spring Boot backend services and API structure
 - Optimized SQL queries for large-scale data aggregation and reporting
 - Technologies used Angular, Spring Boot, SQL, Apache eCharts, Data Visualization
 - Team included 3 members
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Employer: Niaga Prestasi Sdn Bhd, Malaysia (Sept 2019 - May 2022)

Projects:

1. RedDotPayment CRM System (Sept 2021 - April 2022)

- Developed custom CRM for payment management platform
- Implemented advanced SQL database design for payment tracking
- Created modular web application with EMI payment capabilities
- Developed Android and web-based QR payment application
- Technologies: Codeigniter, PHP, SQL, Android Development
- Team size: 10+

2. Ethereum Wallet Project (Sept 2020 - Sept 2021)

- Developed comprehensive Ethereum blockchain wallet application using React and Truffle Suite
- Implemented secure smart contract development with Solidity
- Created multi-network wallet support with Web3.js integration
- Developed intuitive user interface for blockchain transactions
- Technologies: React, Ethereum, Truffle Suite
- Team Size: 2

3. TLMS Logistics Management System(Sept 2019 - Sept 2020)

- Implemented comprehensive Laravel CRUD forms for logistics management
- Developed complex Vue.js user interfaces
- Designed and optimised SQL database schemas
- Managed REST API integrations and database operations
- Technologies: Laravel, Vue.js, SQL, REST API Development
- Team size: 7

Employer: CodeReview, India (Jan 2018 - Sep 2019)

Projects: Code Review (C++ & Qt, June 2018 - Sept 2019): Built a code review tool with a C++ backend and a Qt-based interface, incorporating Wt for web functionalities.

Employer: Trading System API (C++ & Qt, Sept 2016 - Jan 2018)

Projects: Developed a Qt UI focusing on displaying trading charts and other trading-related data within a comprehensive interface.

Employer: Wise Owl Property Management (C++ Wt, April 2015 - April 2016)

Projects: Developed a web admin dashboard for managing tenant and broker features like property listings, management, and administrative tasks.

Employer: Montal 2D games (C++ Qt, Jan 2013 - Jan 2015)

Projects: Developed a 2D game using Qt QML, focusing on UI screens, object scaling, and gameplay mechanics.

Employer: QEHC, Saudi Arabia (Jan 2012 - Dec 2012)

Projects: Developed Fingerprint verification system using ASP.NET. The app includes a web dashboard for showing check in checkout personals. The fingerprint machine is connected with a DB and our application fetches the datas and render into the dashboard. Team size: 2+

Employer: Hexosys SDN BHD, Malaysia (Sept 2009 - Sept 2011)

Projects:

- Developed C++ Qt & VC++ based USB protocol testing application. Debugging usb device protocols including TCP and UDP protocols send & receive methods. Developing UI screens, testing firmware connections etc
 - Technologies: Qt C++
 - Team size: 10+
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Employer: Integral & UCI Tech, India (April 2007 - April 2009)

Projects:

- Developed Trading Rooms software using .Net C# and C++ frameworks. Integrated .Net SDK library for connecting trading room software with external projects
- Developed VC++ based usb modelling application called Pathmodeler, Internet explorer toolbar and Void trading

ROLES AND RESPONSIBILITIES

Client-Facing Consulting & Technical Leadership

- Work directly with founders, CTOs, and engineering teams to assess existing systems, identify technical risks, and define practical execution roadmaps.

- Provide independent, vendor-neutral guidance focused on stability, scalability, and long-term maintainability.
- Translate business requirements into clear technical architecture and delivery plans.

Engagement Models

- Independent Technical Audit & Review
- Project Rescue & Stabilization
- Architecture & Scaling Guidance
- Execution via Client Team or SevenDyne

EDUCATION

B Tech / TKM Engineering College, 2002 – 2006, Kollam India

Plus Two / MDSHS School, 2000 – 2002, Kottayam India

SSLC / SNDP School, 1999– 2000, Kozhikode India