

MUHAMMAD MANSOOR

Senior Software Engineer | AI Developer | ERP & Financial Systems Specialist

Karachi, Pakistan | +92 302 3676582 | muhammadmansoor1973uk@gmail.com | www.fatmasoftwares.com

PROFESSIONAL SUMMARY

Senior Software Engineer and Programmer Analyst with 22+ years of international experience in enterprise software development, ERP systems, financial applications, database architecture, and Artificial Intelligence solutions. Expertise in SDLC, systems analysis, ERP customization, database optimization, and technical leadership. Proven track record delivering scalable, secure, high-performance enterprise and financial systems across Pakistan, Oman, and Italy.

CORE COMPETENCIES

- Software Development Life Cycle (SDLC)
- ERP Implementation & Customization (JD Edwards)
- Financial & Accounting Systems Development
- Database Design & Performance Optimization
- Systems Analysis & Requirements Gathering
- AI-Based Application Development
- System Integration & Data Migration
- Technical Leadership & Project Management
- Production Support & Troubleshooting

TECHNICAL SKILLS

Programming Languages: Python, SQL, Oracle Developer, Java, C, C++, FoxPro, HTML, CSS

Databases: Oracle, MySQL, PostgreSQL, SQLite, AS/400, MS Access

ERP Systems: JD Edwards (Financial Accounting), Custom ERP Solutions

AI & Automation: Face Recognition Systems, Intelligent Automation Applications

Infrastructure: LAN Administration, Hardware Integration, Network Setup

PROFESSIONAL EXPERIENCE

Senior Software Engineer / AI Developer — Freelance — International Clients | 2019 – Present | Remote

- Designed and deployed AI-driven enterprise software solutions for international clients.
- Led full Software Development Life Cycle (SDLC) including requirements analysis, development, testing, and deployment.
- Improved payroll and accounting reporting accuracy through automated systems.
- Developed secure face recognition systems integrated with relational databases.

Founder & Owner — Owais Computer House | 2009 – 2018 | Italy

- Delivered customized ERP, payroll, and accounting systems for local businesses.
- Enhanced system performance through database optimization and custom reporting solutions.
- Managed full-cycle implementation, client onboarding, and technical support.

Programmer Analyst / IT Manager — Castorama Italia | 2006 – 2008 | Italy

- Maintained enterprise applications supporting finance and inventory operations.
- Managed LAN infrastructure and ensured system reliability across the organization.

Programmer Analyst / IT Manager — Zeus Software House | 2002 – 2005 | Pakistan

- Led development of payroll, barcode, inventory, and general ledger systems.

- Supervised deployment cycles and delivered end-user training.

Programmer Analyst — National Food Product (Arla) | 1997 – 2002 | *Oman*

- Implemented financial systems and provided enterprise application support.

SELECTED PROJECTS

- AI-Based Face Recognition System with secure database integration
- Enterprise Inventory & Barcode Management System (multi-location)
- Payroll & Financial Accounting Solutions with automated reporting
- JD Edwards ERP financial enhancements and reporting tools

EDUCATION

- Master of Science in Computer Science (MScS) — Sultan Qaboos University (SQU), Oman, 2003
- Bachelor of Computer Science — University of Karachi, 1997
- Bachelor of Arts — S.M. Arts College, 1994
- Intermediate (Pre-Engineering) — Govt. National College, 1992
- Matriculation (Science) — Gulistan Shah Abdul Latif, 1990

CERTIFICATIONS & PROFESSIONAL TRAINING

- Oracle Programming Certification
- AS/400 & JD Edwards Financial Accounting Training
- Python Programming Certification
- Artificial Intelligence Specialization

ADDITIONAL SKILLS

- PC assembly, hardware troubleshooting & repair
- Network setup and administration
- Front-end & back-end web development integration