ARSLAN AHMAD

Full-Stack Developer · ERP & Business Software · Founder, Compsora

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PROFESSIONAL SUMMARY

Full-stack developer and founder of Compsora (compsora.com), building ERP, accounting, inventory, POS and financial management software for businesses in Pakistan. Computer Science graduate (UMT, 2020–2024) who delivers production systems end to end: database design, business rules in stored procedures, REST APIs, React and browser front ends, cloud hosting and offline deployment. Lead developer of the Maktabah Daniyal ERP, an online and offline platform for a publishing and book distribution business covering POS, inventory, warehouse dispatch, COD orders and reporting. Also designed a WhatsApp AI assistant that reads customer messages (text, voice and photos) and turns them into ERP orders, payment entries and replies. Also brings a founder's background in AI workflow automation and digital growth from building two monetized YouTube channels and an Etsy store.

PROFESSIONAL EXPERIENCE

Founder & Full-Stack Developer – Compsora

Business Software & ERP Solutions, Lahore · August 2026 – Present

- Founded Compsora to design, build and deliver custom ERP, accounting, inventory, POS and SaaS systems; live portfolio and case studies at compsora.com.
- Delivered eight business systems for eight clients: publishing & distribution, solar manufacturing, cosmetics import & wholesale, import & manufacturing, tractor/auto parts, restaurants, and finance systems for two non-profits (RCCMP International and a residents welfare society).
- Own the full project lifecycle: requirements with business owners, database design, development, cloud or on-premise deployment, user training and ongoing support.

KEY PROJECTS

Lead Developer – Maktabah Daniyal ERP (Online & Offline)

Publishing & Book Distribution · Flagship project, 2026

- Built a custom ERP for a publishing and book distribution business that connects sales, POS, inventory, warehousing, customer balances, COD/courier orders and management reporting in one platform.
- **Online system:** multi-user web application hosted in the cloud (Render) on a PostgreSQL database (Supabase), used daily by the admin, POS, order-desk and dispatch teams.
- **Offline + sync:** built an offline POS that keeps billing without internet, stores data locally and syncs to the online system when the connection returns; extending this to a full offline-online setup on a client-side server.
- **Modules:** business dashboard (KPIs, sales trend, sales by location, low stock, latest orders), Order Centre (invoices, items, totals, customer history and balances, order status), book catalogue with stock by location, warehouse dispatch, COD and VP order desks, and a Report Centre with filters and exports.
- **Bilingual:** Urdu mode for book and customer names while the interface stays in English, matching how staff search, bill and dispatch.

Full-Stack Developer – SunLife Solar ERP (Solar Manufacturing & Distribution)

Solar Panels, Inverters & Batteries · Live at sunlifesolar.compsora.com, 2026

- Built an online ERP for a solar business that manufactures and distributes solar panels, inverters, batteries and mounting structures to dealers, installers, commercial projects and home net-metering customers.

- Modules: sales and returns, purchases and returns, production and recipes for panel manufacturing (cells, glass, EVA, backsheet, frames), stock by category, customers and suppliers, chart of accounts, vouchers (CR/BR/CP/BP/JV), cash and bank, orders and delivery, payroll and printable bill design.
- Designed a management dashboard that answers the owner's daily questions at a glance: sales, purchases, gross and net profit against the previous period, stock value at cost and sale price, low-stock reorder list, product-wise sales, dealer receivables by ageing, supplier payables, expenses by head, cash, bank and mobile wallets, and staff attendance.
- Connected the WhatsApp AI Assistant so dealer orders, installer inquiries, payments and ledger requests arrive inside the ERP ready to process.

Full-Stack Developer – Carwan Impex ERP (Cosmetics Import & Wholesale)
Import & Distribution · Live at carwanimpex.compsora.com, 2026

- Built an ERP for a cosmetics importer and wholesaler that supplies dealers and stores across Pakistan, managing a catalogue of 1,300+ products.
- Import workflow: GRN for imported goods, import invoices, local purchases and returns, and payables for importers and local suppliers.
- Multi-godown operations: godown-wise stock across two warehouses, stock transfers with in-transit tracking, and a Dispatch Desk that moves every invoice through new, packing, printed and dispatched.
- Draft invoices, sales and returns, dealer receivables with ageing (not due, 1–15, 16–30 and 30+ days), vouchers, chart of accounts, cash and bank, reports, and configurable bill design and print/page setup.

AI Automation – WhatsApp AI Assistant for ERP
Built into Compsora ERPs (SunLife Solar, Carwan Impex), 2026

- Designed and built an AI assistant that connects a business's WhatsApp Business number to its ERP, so customer conversations become ERP actions instead of manual data entry.
- Reads incoming text, voice notes and product photos in English and Roman Urdu, classifies each message (dealer order, payment, ledger request, installation or delivery query, supplier update, new lead) and prepares the next step for staff to approve.
- Shows the customer's context beside the chat (balance, credit limit, assigned salesman) and checks each order against the credit limit before it is confirmed.
- One-tap replies send the latest bill, ledger and price list as PDFs, along with payment reminders, directly from the ERP.

Full-Stack Developer – Import, Production & Sale Management System (ERP)
Client Delivery, 2026

- Built a complete ERP for an importing and manufacturing business covering accounts, inventory, import, production, sales, fixed assets and payroll, from database design to a working web application.
- **Database:** Microsoft SQL Server across eight layers: double-entry voucher engine, godown-wise weighted-average costing, multi-currency import with landed-cost allocation, recipe-driven production with automatic material consumption, depreciation and payroll.
- Enforced every business rule inside stored procedures, so balanced double entry, stock availability and costing cannot be bypassed; entries are never deleted, only reversed, keeping a full audit trail.
- **Multi-branch:** each sale point runs as its own mini-business (sales, local purchases, expenses, cash/bank, chart of accounts, profit & loss) while head office sees consolidated results; opening-balance loader for existing shops.
- **Application:** Node.js / Express REST API with a React front end, an interactive dashboard with drill-down, fourteen printable financial reports, and role-based security with hashed passwords enforced server-side.

Full-Stack Developer – Chesty Tractor Parts SaaS & Offline Accounts/Inventory Software
Independent Software Product / Client Delivery, 2026

- Built an accounting and inventory system for a tractor/auto-parts business, delivered both as an installable offline Windows application and as a multi-user SaaS workspace.
- **Backend:** Microsoft SQL Server schema and stored procedures for double-entry accounting, perpetual inventory with weighted-average costing, and reporting views; Node.js / Express REST API.
- **Features:** parties, item catalogue with multiple pictures, location-wise inventory and stock transfers, purchase and sale workspaces, voucher entry, chart of accounts, and a dashboard for sales, purchases, receivables, gross profit and cash flow.
- Trial Balance, Profit & Loss, Balance Sheet, party and item ledgers (per-godown stock and average rate), printable invoices, role-based login, one-click backup and deployment documentation.

Full-Stack Developer – Restaurant Management System (Boss Signature Dining)
Hospitality / Restaurant, 2026

- Built a restaurant platform for front-of-house and back-of-house operations: live operations dashboard (sales, orders, average bill, expenses, floor status, stock alerts) and table management with live status.
- Visual POS ordering by menu category with current-order panel, KOT, discounts and bill printing; recipe management with ingredient-level food cost and menu margin.
- Raw-material inventory, guest reservations, shift closing, and reporting and analytics.

Full-Stack Developer – NGO Financial Management System (RCCMP International)
Non-Profit / Church Ministry, Lahore · 2026

- Designed and built a financial management system for RCCMP (Apostolic) International (Rochester Christian Church Ministries of Pakistan), a church ministry and non-profit based in Lahore.
- Gives the ministry a clear, auditable record of its income and spending, so donor and programme funds can be tracked and reported accurately.
- Designed the data-entry screens from UI mockups so non-technical office staff can record transactions quickly; Microsoft Access front end on a Microsoft SQL Server database.

Full-Stack Developer – Financial Management System (Residents Welfare Society)
Welfare / Community Administration, 2026

- Built a financial platform for a welfare society: dashboard for income, expenditure, surplus, cash and bank positions, voucher status and programme spending.
- Voucher entry and listing, member and non-member receipts, chart of accounts, and a Report Centre with day book and printable financial reports.

KEY SKILLS

- **Languages & Frameworks:** JavaScript, Node.js / Express, React, HTML / CSS, T-SQL, SQL (PostgreSQL)
- **Databases:** Microsoft SQL Server (schema design, stored procedures, triggers, views), PostgreSQL / Supabase
- **Business Systems:** ERP design, double-entry accounting, weighted-average inventory costing, POS, multi-branch and multi-warehouse operations, payroll, financial reporting
- **Architecture & Deployment:** REST APIs, role-based security, offline-first apps with online sync, cloud hosting (Render), offline Windows deployment, backup and restore
- **AI Workflow Automation:** WhatsApp AI assistant that reads text, voice and image messages and turns them into ERP actions; end-to-end AI content pipelines (scripting, voice, thumbnails, scheduling); AI-generated marketing videos with Google Flow
- **Digital Marketing & E-Commerce:** SEO, social media strategy, audience growth, Etsy store operations, performance tracking

- **Soft Skills:** client communication, problem-solving, ownership, adaptability, self-motivation

EDUCATION

Bachelor of Computer Science
University of Management and Technology, 2020 – 2024

- Completed coursework in Algorithms, Data Structures, Artificial Intelligence, Marketing, Professional Practices, Software Engineering, and Digital Media Technologies
- Final Year Project: Next-Gen E-Commerce and 2D Clothing Customization Tool

ENTREPRENEURIAL VENTURES

Founder – Etsy Store
Self-Managed Online Store, January 2026 – July 2026

- Built and grew an Etsy store from launch to 78 sales within 5 months while maintaining a 4.3/5 customer rating
- Managed listing optimization, SEO, pricing, customer communication and fulfillment; produced 100+ AI-generated marketing videos using Google Flow

Founder – Drama Decoded (YouTube Channel)
August 2024 – January 2026

- Built a fully AI-automated production pipeline (scripting, voice, editing, thumbnails) to publish 400+ movie and TV recap videos
- Grew the channel to 1,262 subscribers, 3,100 watch hours and 113,000 views; top audiences in the USA, Canada and UK

Founder – Storinest (YouTube Channel)
April 2020 – August 2024

- Started the channel at the onset of the COVID-19 pandemic to fund tuition; published 1,000+ videos over four years
- Reached YouTube’s monetization threshold in 1.5 months and generated over US $10,000 in revenue
- Garnered 3.2M+ total views; a viral “Yellowstone” recap drove rapid subscriber and watch-hour growth

SELECTED ACHIEVEMENTS

- **Flagship ERP in Daily Use:** Maktabah Daniyal ERP runs a publishing and distribution business online, with an offline POS that syncs when internet returns
- **Eight Systems, Eight Clients:** delivered ERP, accounting, POS and financial systems in 2026 under Compsora, two of them with a built-in WhatsApp AI assistant
- **Tuition Funded Through Monetization:** earned over US $10,000 in ad revenue, fully funding four years of undergraduate tuition
- **Record Viewership on Storinest:** 3.2 million+ total views with a sustained international audience
- **Etsy Store Growth:** 78 sales in 5 months with a 4.3/5 customer rating

ADDITIONAL INFORMATION

- **Languages:** English (Fluent), Urdu (Native)
- **Interests:** ERP Architecture, Digital Innovation, E-Commerce, AI Automation, Creative Storytelling
- **Professional Development:** Continual self-learning in cloud deployment, advanced AI applications and modern web development