



# MEHEBUB ALAM

Full stack developer | Software & ERP Specialist

📞 +91 9641989133 / +91 8207259272

✉️ akashkhanakm78@gmail.com

🔗 [LinkedIn](#) | [Facebook](#) | [WhatsApp](#)

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## 📁 PROFILE

Innovative and detail-oriented **Full Stack Developer** and **ERP Software Specialist** with 3+ years of hands-on experience building scalable, secure, and user-centric applications. Equally skilled in **web & mobile app development** and **enterprise resource planning (ERP)** using **SAP Business One**. Adept at developing full-cycle digital solutions — from custom ERPs to automation tools — with a passion for solving business challenges through smart, modern technology.

With a strong foundation in both **software development** and **business operations**, I bring a unique edge to product-driven companies and startups seeking reliable technical leadership.

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## 💻 TECHNICAL SKILLS

### Core Development

- **Frontend:** React.js, Next.js, Tailwind CSS, HTML, CSS, JavaScript
- **Backend:** Node.js, Express.js, RESTful APIs, Python
- **Automation Tools:** N8N, Zapier
- **Mobile:** React Native (Android & iOS), Expo
- **Desktop:** Electron.js
- **Databases:** MySQL, SQLite, PostgreSQL, MongoDB, Prisma
- **Core:** C, C++, Python
- **OS:** Windows, Kali Linux, Ubuntu, Ubuntu VM
- **Cloud Services:** GCP, AWS, VPS
- **CI/CD:** Git, GitHub, GitHub Action
- **Dev OOps:** Docker, Docker Hub
- **Basic:** MS Excel with VBA, MS Word, Power BI
- **ERP Tools:** SAP Business One, QuickLedger, Sigma ERP

### Automation & Analytics

- Python Automation, Web Scraping, PDF Tools

- Power BI, MS Excel (Advanced), Google Sheets

### **Marketing & SEO**

- Google Ads, Meta Ads, Email Marketing
- Technical SEO, Web Performance Optimization

### **Others**

- Familiar with AI Tools & APIs
  - Git, Figma, MS Office Suite
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## PROFESSIONAL EXPERIENCE

### **SS Solution** (2025 – 2025)

#### **Accounting & Software Executive | SAP Business One Specialist**

- Handled day-to-day accounting operations and business data analysis using **SAP B1**
- Implemented automation tools to improve reporting efficiency and stock management
- Trained staff on using SAP for inventory, billing, and financial modules
- Customized invoice templates, generated MIS reports, and improved operational workflows

### **Freelance Full Stack Developer** (2022 – Present)

- Successfully delivered 20+ customized applications for clients across healthcare, finance, retail, and education
- Notable work: School management portals, food delivery platforms, desktop ERP apps, automation consoles

### **Nextazy Solutions Pvt. Ltd.** (2023–2024)

#### **Full Stack Developer (Project Contract)**

- Developed a lead-generation console and bulk emailer tool using Python & JavaScript
- Built web-scraping systems for data acquisition & insights
- Supported internal CRM development and microservices

### **FDC Communications**

- Created a digital recharge portal integrated with APIs for mobile, TV, electricity, IMPS, etc.
- Optimized web UI/UX and improved user session flow and retention metrics

### **Ashu Technically** (2024)

- Designed and deployed their full-stack **web hosting** portal and developed **QuickLedger ERP**, a powerful billing tool used by small businesses for offline accounting
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## EDUCATION

### **B.Sc. in Computer Science (Hons.)**

Michael Madhusudan Memorial College | 2023–2027

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## PROJECT PORTFOLIO

### ★ **Sigma ERP – Pharmacy & Business Management System**

**Client/Company:** Codeskitter Technically Data and Software Solution LLP

Designed and developed a comprehensive ERP system tailored for pharmacy and retail businesses, covering inventory, GST compliance, sales, and accounting operations. Implemented batch-wise stock management with expiry tracking, automated GST calculations, invoicing, and profit-loss reporting. Built a multi-user, role-based access control system to securely manage operations across stores and warehouses. Integrated POS billing with real-time stock updates and warehouse management. Enabled automated WhatsApp communication using Evolution API (scan-and-connect model) along with email and SMS notifications for invoices, quotations, and transactional updates. Focused on accuracy, regulatory compliance, and scalability for real-world business usage.

### **CloudSchool ERP**

Developed a cloud-based ERP solution for end-to-end school management, streamlining academic, administrative, and financial operations. Implemented student enrollment, class and section management, attendance tracking, examination and result processing, and fee management. Built role-based access control for administrators, teachers, staff, students, and parents. Integrated automated notifications via email, SMS, and WhatsApp for attendance, fees, and academic updates. Designed secure data handling, scalable architecture, and centralized dashboards to improve operational efficiency and transparency across the institution.

### **Knock Quist**

**Client/Company:** Raphael Johnpierre (From Canada)

Developed a mobile sales tracking application for on-field agents using React Native and Firebase to monitor leads, visits, and sales activities in real time. Implemented secure authentication, role-based access, and cloud-synced data storage to ensure consistency across devices. Built dashboards for tracking agent performance, daily activity logs, and sales progress, enabling managers to monitor field operations efficiently. Optimized the app for offline usage with automatic data sync when connectivity is restored.

### **Dabbawali – Online Home-Cooked Meal Delivery Platform**

**Client/Company:** Sizzling (Durgapur)

Designed and developed a full-stack food delivery platform focused on Bengali home-cooked meals, enabling customers to browse menus, place orders, and manage subscriptions through a user dashboard. Built an admin panel for order management,

menu control, pricing, and delivery coordination. Implemented user authentication, order lifecycle tracking, and notification workflows to handle daily meal operations efficiently. Focused on reliability, role separation, and scalable architecture suitable for recurring food delivery use cases.

## **QuickLedger**

**Client/Company: Ashu Technically**

Developed an offline-first ERP billing and accounting application for SMEs using Electron.js, designed to run reliably without internet dependency. Implemented billing, invoice generation, customer management, and local data storage to ensure fast and secure operations. Built a desktop-grade UI with system-level access suitable for small businesses needing standalone accounting solutions. Focused on performance, data persistence, and usability for non-technical business users. Delivered as a production-ready desktop application for Ashu Technically.

## **Book My Event – Event Booking & Management Platform**

**Client/Company: RNTYC (Rabindranath Tagore Youth Council)**

Developed a full-stack event management and ticket booking platform that allows organizers to create events, design seating layouts, manage bookings, and automate payments and communications. Implemented end-to-end booking workflows with real-time seat allocation, coupon and discount management, and secure multi-gateway payment integrations including PhonePe, Razorpay, and Cashfree. Built automated WhatsApp, SMS, and email notification systems for booking confirmations and updates. Designed role-based user management, event-level access control, and integrated accounting modules for transaction tracking, reconciliation, and reporting. Focused on scalability, reliability, and seamless user experience for both organizers and customers.

## **Lead Generation Automation – n8n Workflow**

**Client/Company: AI Business Services**

Designed and implemented an automated lead generation system using n8n that extracts business data from Google Maps and stores structured leads in Google Sheets. Built end-to-end workflows to collect business names, categories, locations, contact details, and URLs with minimal manual intervention. Implemented data validation, duplication checks, and scheduled executions to maintain clean and up-to-date lead records. Reduced manual lead collection effort significantly by replacing repetitive research tasks with automated pipelines.

## **Customer Support Automation – n8n WhatsApp Chatbot**

**Client/Company: AI Business Services**

Built an automated customer support chatbot using n8n with WhatsApp integration to handle inbound customer queries and routine support workflows. Designed message-based flows for FAQs, order/status inquiries, and escalation to human agents when

required. Integrated structured data storage for conversation logs and ticket tracking, enabling follow-up and reporting. Implemented conditional logic, error handling, and webhook-based message processing to ensure reliable, real-time customer communication.

## **WhatsApp Outreach Automation – n8n & Evolution API**

### **Client/Company: AI Business Services**

Developed a WhatsApp messaging automation system using n8n and Evolution API to send large-scale outbound messages with human-like behavior patterns. Implemented multiple message templates with randomized selection, variable delay intervals between messages, and controlled sending logic to reduce detection and improve delivery reliability. Designed workflows for campaign scheduling, contact batching, failure handling, and delivery logging. Focused on realistic message flow, system stability, and operational control rather than brute-force blasting.

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### HIGHLIGHTS

- ◆ Hands-on experience with **SAP Business One** in a real business setting
- ◆ Strong full-stack and automation capabilities
- ◆ Experienced with both **freelance entrepreneurship** and **corporate software development**
- ◆ Deep interest in business optimization, UI/UX, and digital growth