Chandan Mondal

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My Portfolio: Click

Availability: Open to remote and on-site opportunities

💼 Professional Summary

Innovative Software Engineer and SAP ABAP Developer with strong expertise in ERP systems, SaaS development, mobile applications (React Native), and industrial automation. Experienced in integrating SAP with SQL databases, OData APIs, and real-time scanner devices for warehouse and production systems. Currently expanding into cloud-based SaaS ERP solutions and AI-driven automation. Adept at bridging business processes with technical solutions, with a proven track record of delivering enterprise-grade applications.

🛠️ Core Skills

1. ERP & SAP: SAP ABAP (Module Pool, SmartForms, DDIC, Reports, OData), SAP–SQL integration, custom tables, and data automation.
2. App Development: React Native CLI (Android), Bluetooth & IoT scanner integration, background services, industrial automation apps.
3. Web Development: MERN Stack (MongoDB, Express.js, React.js, Node.js), Next.js for SaaS applications.
4. Backend & Cloud: NestJS, Node.js, RabbitMQ, MongoDB, REST APIs, AWS (EC2, S3 basics), On-Premise Server deployments.
5. Automation & Data: SQL Server, real-time SAP sync, scanner-driven data systems, CSV/JSON payload optimization.
6. Future-Oriented: SaaS ERP architecture, AI/ML integration in enterprise apps, cloud-native and scalable solutions.

👨‍💻 Professional Experience

Vertif it solutions (LLP)

Dispatch & SAP OData Integration Developer

Emami Agrotech | Project

Jul 2025 – Present

- Developed Dispatch Module Android App integrated with SAP for real-time stock operations.
- Implemented SAP Automigo (Stock Transfer 311 process), automating material movement between storage locations.
- Designed and developed OBD (Outbound Delivery) picking process enhancements in SAP ABAP, ensuring smooth dispatch operations.
- Built two custom SAP tables for storing dispatch-related data and maintaining historical records, ensuring accurate tracking and audit readiness.
- Built a React.js Dispatch Web Module to streamline logistics workflows and integrate with SAP backend.
- Integrated SAP OData APIs for complete dispatch processing, from picking to stock posting.
- Developed an automated SAP stock movement & picking app, minimizing human error and improving efficiency.
- Integrated with TEG SaaS system for gross weight verification, creating an end-to-end connected workflow between SAP + WMS App + TEG System.

Full Stack & WMS-SAP Developer

Emami Agrotech | Project

Feb 2025 – Present

- Built a Node.js service running 24/7 to capture and store scanner data into MongoDB.
- Developed a React.js dashboard for real-time monitoring of scanner data.
- Created REST APIs to serve data from MongoDB, enabling SAP + WMS app integration.
- Deployed applications on company servers, ensuring scalability and reliability.

SAP ABAP & Android Developer (WMS + SAP Integration)

Emami Agrotech | Project

Aug 2024 - Present

- Developed Android applications using React Native CLI, optimized for high performance and user-friendly interfaces.
- Integrated SAP OData APIs to enable seamless real-time data exchange with SAP backend.
- Designed and implemented warehouse, production, and dispatch management modules.
- Automated 24/7 data flow from industrial & IP scanners directly to SAP, reducing manual effort.
- Implemented QR code scanning for rapid data entry.
- Built a mobile solution for SAP stock movements, picking, and dispatch workflows.

SAP ABAP Developer
Tata Steel Project |

Feb 2024 - Jul 2024

- DDIC Table Creation: Designed and implemented database tables in the Data Dictionary (DDIC) to support the project's functional requirements.
- HTML Email Design: Designed and optimized HTML email templates within an SAP ABAP report to ensure clear and responsive communication for business processes.

Freelance Developer (Fiverr)

Full-Stack Developer

Feb 2023 - Sep 2023

- Developed a full-stack web application using the MERN (MongoDB, Express, React, Node.js) stack for a fitness studio.
- Implemented payment integration using [payment gateway] to handle transactions securely.
- Designed and developed an admin panel for managing users, memberships, and payments.
- Deployed the project on Vercel, ensuring high performance and reliability.

🎓 Education

Post Graduate Diploma in Computer Applications (PGDCA) – In Progress.
BA in Economics – University of Kalyani.

📜 Certifications & Ongoing Learning

- AWS Cloud Practitioner (Fundamentals) – Self-learning (In Progress)
- SAP ABAP (Udemy) – Ongoing, focusing on DDIC, Reports, Module Pool, SmartForms, and Enhancements
- SAP to Non-SAP Integration Specialist – Project-based expertise (SAP OData, Node.js APIs, SQL Sync, SaaS integrations)
- Full-Stack Development (MERN & React Native) – Hands-on mastery via SaaS ERP, Fitness SaaS, and Warehouse Apps

📈 Projects & Highlights

- Warehouse Management App (SAP + Android):
- Integrated Bluetooth & wired scanners for real-time pallet/box counting. Automated 24/7 data sync with SAP. Built React Native Android app and connected industrial scanners with SAP backend.
- Dispatch & SAP ABAP Automation (Emami Agrotech):
- Developed Dispatch Android & Web Modules. Implemented Auto MIGO (311 Stock Transfer) and OBD Picking process in ABAP. Created two custom SAP tables for dispatch data tracking. Integrated SAP OData APIs with TEG SaaS for gross weight verification.
- SaaS ERP (School & Hospital):
- Built modular, role-based ERP (Student, Teacher, Admin, Doctor, Nurse). Backend in NestJS + MongoDB, frontend in Next.js. Deployed as SaaS platform with RabbitMQ messaging.
- Fitness SaaS Platform (MERN):
- Developed a full-stack SaaS web app with payment gateway integration. Built an admin panel for membership management. Deployed on Vercel for high availability.
- SQL-SAP Data Sync App:
- Automated background sync between SQL Server and SAP every 30 min. Managed CSRF tokens, error handling, and data reliability. Built with React Native + Node.js.

🌟 Career Focus (Future-Ready)

SaaS ERP & Cloud Platforms (SAP, React Native,Node.js,Next.js, NestJS, MongoDB,SQL, AWS,Kotlin, Java).
AI-Integrated ERP solutions (predictive analytics, automation).
Industrial IoT & Smart Factory Applications (SAP + real-time devices).
Product Engineering & Technical Leadership.

Keywords for ATS: SAP ABAP, React Native, ERP, SaaS, NestJS, Node.js, MongoDB, Next.js, RabbitMQ, SQL Server, Bluetooth Scanner, IoT, OData API, Industrial Automation, MERN, Cloud, AWS, Full Stack Developer.