

# SOUMYADIP BANERJEE

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ERP & QA Engineer | Microsoft Dynamics AX 2012 | API Testing

## ❖ PROFESSIONAL SUMMARY

ERP & QA Engineer with expertise in Microsoft Dynamics AX 2012, .NET Framework, SQL Databases, and Cloud ERP Deployment. Skilled in ERP customization using X++, database management (MS SQL, PostgreSQL, Supabase), and API-based integrations for enterprise solutions. Experience in developing and debugging ERP modules, as well as testing and integrating in-house applications using SvelteKit, C#, and Angular. Passionate about leveraging cloud infrastructure (Azure) for scalable enterprise solutions. Seeking to apply expertise at your esteemed organization.

## ❖ SKILLS & TECHNOLOGIES

- **Enterprise Platforms:** Microsoft Dynamics AX 2012, Dynamics 365 F&O, SAP ABAP (Basic), ServiceNow (Basic).
- **Programming & Development:** .NET Framework, X++, C# (Basic), Angular (Basic), SvelteKit (Basic).
- **Database Management:** MS SQL, PostgreSQL, Supabase Cloud SQL Server.
- **Testing & Debugging:** API Testing (Postman), ERP Customization, Application Debugging.
- **Cloud & Infrastructure:** Azure VM Server Architecture for ERP Deployment (Entry Level)

## ❖ EDUCATION

### B. Tech. in Electronics & Communication Engineering (ECE)

Maulana Abul Kalam Azad University of Technology, West Bengal (*Swami Vivekananda Institute of Science & Technology*)

 2021 – 2024 | CGPA: 8.15

### Diploma in Electronics & Communication Engineering (ECE)

Central Calcutta Polytechnic (Government)

 2017 – 2020 | CGPA: 7.9

### Class XII – Science (Math & English)

Gorabazar Iswar Chandra Institution

 2015 – 2017 | Percentage: 70%

## ❖ ADDITIONAL INFORMATION

**Languages Known:** English (Professional), Hindi (Professional), Bengali (Native)

### **Interests & Hobbies:**

 Outdoor Sports

 Listening to Music

 Learning New Technologies

## ❖ WORK EXPERIENCE

### ERP Functional Consultant

💡 Suraksha Diagnostics Limited, Kolkata | Sept 2021 – Present (37+ months, Full-time)

- ✓ **Led the end-to-end implementation** of Microsoft Dynamics AX 2012 ERP, customizing modules (Accounts Payable, Accounts Receivable, Cash Bank Management, Sales & Marketing, Inventory Management, Product Information Manage) to optimize business processes.
- ✓ **Developed & debugged ERP customizations using X++**, ensuring seamless integration with enterprise workflows.
- ✓ **Provided daily ERP support and troubleshooting**, ensuring system stability and resolving technical issues to enhance operational efficiency.
- ✓ **Managed SQL databases (MS SQL, PostgreSQL, Supabase)** for ERP and internal applications, optimizing query performance and data storage.
- ✓ **Configured Azure VM servers** for deploying and maintaining ERP systems, ensuring high availability and security.
- ✓ **Collaborated with development teams** to build and test in-house applications using **SvelteKit, C#, and Angular**, integrating them with ERP via APIs.

## ❖ PROJECTS

### 1. Microsoft Dynamics ERP AX 2012 Implementation

💡 Suraksha Diagnostics Limited

- ✓ Designed and deployed an **ERP system from scratch**, integrating modules for **billing, inventory, and financial management**.
- ✓ Successfully implemented **Microsoft Dynamics AX 2012**, supporting **daily operations for 3+ years**.
- ✓ Automated workflows using **Microsoft Power Apps**, improving process efficiency.

### 2. SQL Database Administration

💡 Suraksha Diagnostics Limited

- ✓ Managed **MS SQL, PostgreSQL, and Supabase Cloud SQL** databases, ensuring high-performance query execution.
- ✓ Designed and optimized SQL schemas for ERP and **internal applications**, improving data retrieval efficiency.
- ✓ Conducted **regular database performance tuning and security enhancements**.

### 3. In-House Applications Development & Testing

💡 Suraksha Diagnostics Limited

- ✓ **Developed and tested enterprise applications** using **SvelteKit, C#, and Angular**, ensuring smooth ERP interfacing via **APIs**.
- ✓ Conducted API testing and debugging to **ensure seamless communication between ERP and internal apps**.
- ✓ Worked closely with **cross-functional teams** to deploy and enhance internal software solutions.