



Swarnabha Debbarman

.NET Technical Lead

Results-driven Technology Lead with 9+ years of experience in developing and managing enterprise-level applications across diverse industries. Expertise in designing, deploying, and optimizing .NET-based solutions using Azure Cloud technologies, with proven success in leading high-performing teams and driving business growth by 30%. Skilled in Agile methodologies and cloud security, with a strong focus on client satisfaction and operational excellence.



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30 March, 1992



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TECHNICAL SKILLS

C#

ASP.NET Web Forms

ASP.NET MVC / CORE

SQL Server/ Oracle/ MySQL

JavaScript

jQuery / Angular

Azure SQL Database

Azure API Management

Azure Application Insights

Azure Key Vault

Azure Service Bus

Web API / WCF

BootStrap

HTML

CSS

Microservices

GIT / SVN / TFS

WORK EXPERIENCE

Technology Lead Infosys Limited

05/2023 - Present

Kolkata, West Bengal, India

Achievements/Tasks

- ▣ Led a team of 6 developers in designing and deploying a new Azure cloud-based system, enhancing operational efficiency by 30%. Successfully ensured seamless migration, optimized performance, and minimized downtime during transition.
- ▣ Developed and implemented a comprehensive technology strategy aligned with business objectives, resulting in a 25% increase in overall productivity. Successfully integrated advanced tools and processes to enhance operational efficiency and streamline workflows.
- ▣ Provided technical guidance and mentorship to junior team members, fostering professional growth and enhancing team cohesion. Successfully cultivated a knowledge-sharing culture, resulting in improved team performance and collaboration.
- ▣ Facilitated weekly team meetings to assess progress, establish goals, and address challenges, ensuring seamless communication and alignment with project milestones. Proactively identified and resolved potential roadblocks, contributing to timely project delivery.
- ▣ Collaborated closely with upper management to strategize and implement key company initiatives, leading to enhanced operational efficiency and increased profitability. Effectively translated business objectives into actionable technology solutions, ensuring alignment with organizational goals.

Senior Software Analyst Nihilent Limited

03/2022 - 03/2023

Achievements/Tasks

- ▣ Developed scalable, high-performance code solutions utilizing C#, SQL, and JavaScript to optimize application functionality and ensure seamless user experiences. Implemented best coding practices and enhanced system efficiency by 20%.
- ▣ Implemented best practices in software development, including continuous integration (CI) and test-driven development (TDD), ensuring high code quality, faster deployment, and reduced error rates. Enhanced development workflows to improve team efficiency and project scalability.

Developer

Score Information Technologies Limited

02/2017 - 03/2022

Kolkata, West Bengal, India

Achievements/Tasks

- ▣ Developed and maintained responsive web applications and enterprise solutions using HTML, CSS, JavaScript, Oracle, MySQL, and ASP.NET. Ensured seamless functionality, optimized performance, and maintained high security standards across all platforms.
- ▣ Optimized application performance and scalability by implementing code refactoring, performance tuning, and database query optimization. Achieved a 20% reduction in response time and improved system efficiency under high-load conditions.

Software Developer & Tech Support Executive Conclave Info Systems

06/2015 - 12/2016

Kolkata, West Bengal, India

Achievements/Tasks

- ▣ Conducted comprehensive training sessions for end-users on newly implemented software applications, ensuring seamless adoption and maximizing user proficiency. Provided ongoing support and addressed concerns to enhance user confidence and system utilization.
- ▣ Provided proactive technical support to internal team members and external clients, effectively troubleshooting issues and delivering timely resolutions. Ensured minimal downtime and maintained high client satisfaction through consistent problem-solving and follow-up.

EDUCATION

BACHELOR OF TECHNOLOGY
West Bengal University of Technology
07/2010 - 06/2014
West Bengal, India

Higher Secondary Education
West Bengal Council of Higher Secondary Education
06/2007 - 05/2009
West Bengal, India

Secondary Education
West Bengal Board of Secondary Education
06/2006 - 05/2007
West Bengal, India

ACHIEVEMENTS

Award and Recognition
Received the Insta Award for delivering a highly complex project within strict timelines, showcasing exceptional problem-solving, project management, and technical expertise.

LANGUAGES

English

Bengali

Hindi

PROJECTS

School Management System (06/2023 - Present)

- Developed and deployed a robust **School Management System (SMS)** to automate administrative workflows, improving operational efficiency by 30% and reducing manual workload.
- Designed and integrated modules for **student enrollment, attendance tracking, timetable management, fee collection, staff management, and performance evaluation**.
- Developed a user-friendly interface using **HTML, CSS, JavaScript, jQuery, Angular and Bootstrap** to ensure seamless navigation and accessibility for end-users.
- Leveraged **ASP.NET Core, Web API** for backend development, ensuring scalability and secure data management.
- Configured **Azure SQL Database** for secure, scalable, and high-availability data storage.
- Utilized **Azure API Management (APIM)** to manage, secure, and monitor APIs for seamless communication between modules.
- Integrated **Azure Application Insights** for real-time monitoring and performance optimization, reducing system errors by 20%.
- Implemented **Azure Key Vault** to securely manage connection strings, API keys, and sensitive data.
- Automated deployment processes using **Azure DevOps**, including CI/CD pipelines to streamline code deployment, reduce manual intervention, and ensure faster releases.
- Leveraged **GIT** for version control, enabling seamless collaboration and efficient code management.

Pricing Engine (03/2022 - 03/2023)

- Developed and deployed a **dynamic Pricing Engine** that calculated product prices based on predefined business rules, offering real-time adjustments for discounts and surcharges.
- Designed and implemented pricing algorithms to handle **variable pricing models**, ensuring accurate and competitive pricing across multiple product categories.
- Developed a user-friendly interface using **HTML, CSS, JavaScript, jQuery and Bootstrap** to ensure seamless navigation and accessibility for end-users.
- Utilized **ASP.NET MVC & WCF** for backend development, ensuring high performance and scalability of the pricing system.
- Integrated **SQL Server** to manage product data, pricing rules, and transaction records securely.
- Leveraged **TFS** for version control, enabling seamless collaboration and efficient code management.

IOCL Shipping (05/2019 - 02/2022)

- Developed and maintained a **Shipping Management System (SMS)** to streamline the end-to-end shipping process, enhancing operational efficiency and ensuring real-time tracking of shipments.
- Designed and implemented modules for **order management, shipment tracking, route optimization, invoicing, and customs documentation**.
- Technologies Used:** ASP.NET MVC, C#, Oracle, JavaScript, jQuery, Bootstrap, HTML, CSS, REST APIs

ERP System (02/2017 - 04/2019)

- Designed, developed, and maintained a **comprehensive Internal ERP System** that automated and streamlined various business processes, enhancing overall operational efficiency.
- Implemented core modules for **sales, purchase, administration, human resources (HR), stock/inventory management, and finance**, ensuring seamless data integration and process alignment.
- Developed and optimized **sales and purchase modules** to automate order processing, reduce manual errors, and ensure accurate transaction records.
- Implemented **HR and payroll modules** to manage employee records, attendance, and salary processing.
- Created a **stock management system** that tracked inventory levels, monitored stock movement, and automated reordering processes.
- Technologies Used:** ASP.NET MVC, C#, SQL Server, Oracle, JavaScript, jQuery, Bootstrap, HTML, CSS, Crystal Report

Hospital Management System (06/2015 - 12/2016)

- Developed and deployed a **Hospital Management System (HMS)** to automate and streamline various hospital operations, ensuring improved patient care and administrative efficiency.
- Implemented core modules such as **patient registration, appointment scheduling, billing and invoicing, inventory management, laboratory management, and electronic medical records (EMR)**.
- Technologies Used:** ASP.NET WebForms, MySQL, JavaScript, HTML, CSS