

BISWAJIT PANDAY

Senior .NET Developer & AI Innovator | Full-Stack & Cloud Solutions Expert

Dhaka, Bangladesh | Open to Relocation & Visa Sponsorship

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[LinkedIn](#) | [GitHub](#) | [Medium](#) | [Portfolio](#)

TECHNICAL SKILLS

Programming Languages	C#, JavaScript (TypeScript), Python
AI Tools & Technologies	Google Gemini AI, AI Prompt Engineering, ChatGPT, Cursor IDE, GitHub Copilot
Frameworks	ASP.NET Core, ASP.NET MVC, Blazor
Architectures/Patterns	Domain Driven Design, Microservices, Client-Server, Event-Driven, CQRS, Serverless
Databases	MSSQL (Proficient), MongoDB, MySQL, DynamoDB, SQLite
Cloud Platforms	Azure (VM, AD, DevOps, App Services), AWS (IAM, EC2, Lambda, S3, SNS, SQS)
DevOps & Tools	Git, Azure DevOps, Docker, Jenkins, IIS, Jira, PyInstaller
Front-End Technologies	React, Angular, Redux, Bootstrap
Other Skills	SignalR, Entity Framework Core, REST, gRPC, LINQ, RabbitMQ, NUnit, xUnit
Agile Methodologies	Scrum, Kanban

PROFESSIONAL SUMMARY

Senior .NET Developer and AI Innovator with 10+ years of experience delivering scalable enterprise applications. Pioneered IntelliMerge, a first-of-its-kind **AI-powered** automation tool using Google Gemini AI that reduced manual development effort by 80-90%. Proficient in **ASP.NET Core**, Entity Framework, and MSSQL, with emerging expertise in AI integration and intelligent automation. Adept at leading teams, mentoring developers, and driving digital transformations through both traditional and AI-powered solutions. Passionate about building cutting-edge, user-centric, robust software solutions for dynamic industries.

WORK EXPERIENCE

Senior Developer | Optimizely (Dhaka, Bangladesh)

April 2023 – Present

C#, ASP.NET Core, Entity Framework, MSSQL, TypeScript, Angular, React, WCF, Node.js, Azure, Python, Google Gemini AI

- Led development of IntelliMerge, a revolutionary AI-powered three-way merge tool integrating Google Gemini AI for intelligent conflict resolution, achieving 80-90% reduction in manual merge effort for enterprise blueprint upgrades.
- Customizing and maintaining the Optimizely Configured Commerce platform, enabling B2B clients to streamline catalog management, pricing, and ERP integrations at scale.
- Contributed to two successful system migrations, achieving an average cost reduction of 55% for major clients and improving deployment efficiency by reducing error rates.
- Mentoring developers and conducting rigorous code reviews, boosting productivity; reduced defects by 15% over the past two years.
- Designing and implementing scalable software architecture patterns, enhancing system reliability, and supporting seamless global deployments.

Optimizely Configured Commerce

<https://optimizely.com>

- A B2B e-commerce platform providing personalized customer experience and AI-driven insights.

Senior Software Engineer | KAZ Software (Dhaka, Bangladesh)

June 2016 – March 2023

C#, ASP.NET Core, MSSQL, NoSQL, TypeScript, Angular, React, Node.js, AWS, Azure, Docker

- Led the modernization of legacy platforms across projects, transitioning to Microservices with ASP.NET Core and Docker, boosting performance by 10x.
- Designed and deployed scalable cloud solutions on AWS and Azure, cutting operational costs by 25% and improving system reliability.
- Optimized APIs for millions of users with load-balanced API Gateways, reducing downtime and automating deployments for 40+ services.
- Managed and mentored teams of 8–12, increase productivity by 20% through Agile practices and technical guidance.

Reganalytics (Technical Lead)

<https://reganalytics.com>

- A compliance platform providing real-time updates on global trade regulations, modernized to Microservices for a 10x performance boost.

WebEvv (Technical Lead)

<https://webevv.com>

- A cloud-based EVV platform with real-time tracking and automated workflows, enhancing operational efficiency for care providers.

Robi - Subscriber Verification System (Senior Software Engineer)

<https://robi.com.bd>

- A telecommunications platform optimized for API performance, serving millions of users with seamless and reliable services.

Software Engineer | Chorki Limited (Dhaka, Bangladesh)

June 2015 – May 2016

Node.js, JavaScript, AngularJs, MySQL, MongoDB

- Built and maintained features for web applications, focusing on front-end and API interactions.
- Collaborated with senior engineers to build scalable solutions for real-time notifications and data aggregation tool.

Notification Hub

- Built a notification service that delivered targeted notifications based on device type (Android, iOS, Windows, Desktop).

News Aggregator

- Developed a system to scrape, aggregate, and store news from multiple sources for further processing.

CERTIFICATIONS

- **Microsoft Certified:** Azure Fundamentals (Credential ID: 733CAA4F32A38510)

[Certificate Link](#)

OPEN-SOURCE PROJECTS

BugBusters:

[GitHub Link](#)

A full-stack Q&A and issue-tracking platform built with **ASP.NET Core** and **React**, enabling seamless private developer collaboration with role-based access control.

HyperCache:

[GitHub Link](#)

A **Blazor** and **.NET 9** demonstration showcasing Delta's capabilities for efficient data handling, enabling developers to integrate high-performance caching in their projects.

EmailEngine:

[GitHub Link](#)

A centralized email synchronization engine built with **TypeScript**, Express, **Docker**, and Elastic Search, integrating multiple email providers under one hood.

REPR Pattern:

[Medium Blog](#) | [GitHub Link](#)

A **.NET 8** application demonstrating the Request-Endpoint-Response (REPR) pattern, showcasing a structured approach to building scalable, maintainable APIs with enhanced modularity and separation of concerns.

ProtoCore.NET:

[GitHub Link](#)

A robust boilerplate for **gRPC** projects using **.NET 7** and Onion Architecture enables developers to start scalable and maintainable applications with pre-existing base features quickly.

EDUCATION

Bachelor of Science in **Computer Science and Engineering**

2011 – 2015

Ahsanullah University of Science and Technology (AUST) | Dhaka, Bangladesh

<https://aust.edu>

ADDITIONAL DETAILS

- **Visa Status:** Seeking Sponsorship
- **English Proficiency:** Fluent
- **Problem-Solving Profiles:** [LeetCode](#) | [HackerRank](#) | [Stack Overflow](#)