

# Satyam Gupta

## Software Developer

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🌐 [linkedin.com/in/satyam-gupta-b93b53202](https://www.linkedin.com/in/satyam-gupta-b93b53202) 📍 GURUGRAM, HARYANA INDIA

### Professional Summary

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Detail-oriented and innovative Software Developer with a strong foundation in full-stack and backend development, DevOps, and cloud-native architectures. Proficient in building scalable web applications and microservices using .NET Core, Docker, Kubernetes, and Azure. Skilled in automation pipelines, infrastructure as code, and delivering high-performance, secure applications in agile teams.

### Technical Skills

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**Language:** C# , Python, C++, JavaScript, TypeScript, HTML, CSS, Dart, SQL

**Frameworks/Libraries:** .NET Core, ADO.Net ,Entity Framework (EF) Core, Dapper, React, Django, Ant Design, LINQ, Leaflet, Quartz.NET, Ocelot, MassTransit

**Tools/Platforms:** Git, Docker, Kubernetes, Azure DevOps, RabbitMQ, Redis, Azure Functions, Azure DevOps Server, Azure pipelines

**Databases:** SQL Server, MySQL, PostgreSQL, MongoDB, neo4j, Blob/Table Storage

**Testing Frameworks:** xUnit, SpecFlow

**Computer Science:** Data Structures & Algorithms (DSA), Object Oriented Programming (OOP), Design Patterns, Microservices, Operating System , Discrete structures

### Professional Experience

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#### AbyM Technology

Software Developer

June 2024 – Present

Gurugram, India

- Architected and optimized a high-traffic application to reliably handle **500,000+ concurrent users** by redesigning backend infrastructure for enhanced scalability and performance.
- Built and developed scalable REST APIs & backend services with .Net Core; improved **response times by 30%**.
- Implemented CI/CD pipelines using Azure Pipelines with Docker and Kubernetes, **reducing deployment time by 40%**.

#### WRMS Global

Dot Net Developer

April 2023 – May 2024

Gurugram, India

- Building and Optimizing the backend services of an advanced agricultural security platform.
- Worked on backend API integrations to support frontend user features and admin dashboards.

#### BookingLogic Private Ltd.

Web Developer Intern

July 2022 –

March 2023

Contributed to the development of a hotel and travel booking website, and added features like job search, interview preparation tools, and company comparison.

Kanpur Nagar, India

## Education

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### **Dr. A.P.J. Abdul Kalam Technical University**

*Bachelor of Technology - BTech, Computer Science. (90%)*

### **Gaurav Memorial International School , Kanpur**

*12th- Intermediate, PCM. (78%)*

### **Ashoka Public School , Kanpur**

*10th- High School Certificate, PCM. (86%)*

## Projects

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### **Communication Engine**

- Led development for Dr. Lal PathLabs to enhance communication across internal systems and external APIs using ASP.NET Core and Azure Cloud services for SMS , Whatsapp, Email , mobile App Notification.
- Integrated RabbitMQ for robust and reliable message queuing between services.
- Developed Webhook Consumers to manage incoming real-time notifications from external APIs.
- Implemented Quartz Library for automated job scheduling, optimizing background operations.

### **Report Engine**

- Developed for Dr. Lal PathLabs to automate report generation workflows and improve reporting efficiency with ASP.NET Core for backend processing.
- Integrated with Azure Cloud services and Azure SQL for scalable and secure data management.

### **Queue Management System (QMS)**

- Designed and developed a token-based queue management system to streamline user flow at service centers for Dr. Lal PathLabs
- Generated tokens for users and displayed real-time queue status on TV screens at the center.
- Integrated SMS functionality and enabled audio announcements for token numbers to notify users about their token number and estimated wait time.

### **SecuFarm**

- Developed and optimized backend services for an agricultural security platform at WRMS Pvt. Ltd. with scalable and secure APIs using .NET and C#
- Delivered real-time alert systems to notify farmers about environmental changes and equipment failures, enhancing operational safety and responsiveness.

### **YESTech**

- Integrated external APIs for yield & crop estimation , NDVI and soil health data to enhance data analysis and prediction accuracy.
- Built core features including real-time prediction modules, data ingestion, and analysis components.