

Shweta

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Skills

Languages: C#, Java

Databases: MongoDB, SQL

Cloud Technologies: Firebase

Lib/Frameworks: ASP.NET MVC, ASP.NET Core Web API

Version Control / Tools: Git, GitHub, CI

Others: Debugging, Problem-solving, Hardworking

Experience

Software Engineer - Infinix Infotech Pvt. Ltd. (Sep 2024 - Present)

Indore, MP

Algo Trading Platform

- Currently working on building a full-stack algorithmic trading system using React.js for the front-end UI and ASP.NET Core Web API for backend logic and data handling.
- Designing interfaces to create, backtest, and execute trading strategies with customizable parameters.
- Working on integrating real-time market data feeds (e.g., Zerodha, Upstox, etc.) via REST API/WebSocket .
- Developing a strategy execution engine to process buy/sell signals, perform risk checks, and support portfolio rebalancing in real-time.
- Implementing JWT-based authentication and role-based access for secure strategy and account management.
- Focusing on low-latency API design and optimizing data models for performance under high-volume market conditions.

CRM (Customer Relationship Management System internal application)

- Led backend design for a multi-department CRM, cutting ticket resolution time by **30 - 50%** through workflow automation.
- Delivered secure **RESTful APIs** with C#, ASP.NET Core, and MongoDB; implemented JWT for access control.
- Built modular, reusable logic for complex role-based workflows and optimized async operations to reduce overhead and improve maintainability.
- Integrated Cron-based schedulers and Firebase for automated task execution and real-time notifications.
- Resolved key performance bottlenecks, Improved API throughput by optimizing async patterns and query efficiency

Cyber Complain

- Developed scalable APIs using ASP.NET Core and MongoDB for a system used by **1000+ users**.
- Enabled mobile access with Flutter and real-time updates via Firebase.
- Automated background tasks using **Cron job**, reducing manual effort significantly.

Associate Software Engineer - Synoverge Technologies Pvt. Ltd. (Jul 2023 - Jul 2024)

Ahmedabad, Gujarat

Export Offices

- Engineered an API-driven solution to migrate dynamic records from SQL Server to Cosmos DB, using ASP.NET Core, C#, and Azure Functions.
- Designed dynamic filtering logic to overcome Cosmos DB retrieval limits, boosting migration accuracy and consistency.
- Developed **NUnit tests** covering **90%+ code coverage**, ensuring robust validation and smooth production deployment.

HDFC Travel Insurance

- Handled **client change requests (CRs)** and delivered frontend/backend feature enhancements under tight deadlines using ASP.NET MVC and SQL Server.
- Contributed to frontend and backend development
- Implemented **XUnit tests** to maintain code reliability and regression safety and **90% code coverage**.

Trainee - Synoverge Technologies Pvt. Ltd. (Feb 2023 - Jul 2023)

Ahmedabad, Gujarat

Mini Projects

- Developed a **Wordle game** using ASP.NET MVC and Web API with SQL Server to solidify backend concepts and state management.
- Built a **Booking Appointment System** using React + TypeScript, focusing on clean component architecture and seamless REST API integration.

Education

B.Tech in Electronics and Communication Engineering - Technocrats Institute of Technology, Bhopal (2019 - 2023)

Bhopal, Madhya Pradesh