

Gurpreet Singh

Backend & Full-Stack Developer
Bhiwadi, Rajasthan

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GitHub | LinkedIn

SUMMARY

Results-driven .NET Developer with hands-on experience designing and developing scalable web applications using ASP.NET Core, Entity Framework Core, and SQL Server. Proficient in building and consuming RESTful APIs, implementing secure authentication (JWT), and following MVC design patterns. Experienced with Angular and Bootstrap for responsive UI design. Strong grasp of Agile methodologies, code quality, and unit testing practices.

TECHNICAL SKILLS

Languages: Python, C#, SQL, HTML/CSS

Frameworks & Libraries: Flask, ASP.NET Core, Entity Framework Core, Angular, Bootstrap

Databases: MySQL, SQL Server

Tools & Platforms: Git (GitHub, GitLab), Postman, Swagger, Render, Docker (basic)

Concepts: RESTful APIs, Data Structures & Algorithms, Clean Architecture, JWT-based Authentication, OOP, MVC Architecture, Unit Testing, LINQ

Soft Skills: Teamwork, Problem-Solving, Agile Methodologies, Time Management, Communication

EXPERIENCE

Software Developer Intern

Jan 2025 - Aug 2025

Anviam Solutions Pvt. Ltd.

Mohali, Punjab

- Developed 6+ backend modules using Python and ASP.NET Core; designed services following MVC and Clean Architecture principles.
- Designed and tested JWT-secured REST APIs and wrote Swagger/OpenAPI documentation for easy integration.
- Integrated backend services with Angular frontend and implemented API versioning and structured logging.
- Collaborated in Agile sprints, used Git workflows, and improved CI-friendly project structure.

Software Engineer Intern

Sept 2024 – Nov 2024

Codehop Interfusion

Remote

- Developed mini-services and internal tools using Python, Flask, and BDD (Behave) testing.
- Implemented API endpoints, modular backend components, and debugging workflows.

PROJECTS

Monolithic CRUD Application with Authentication | *ASP.NET Core, SQL Server*

Mar 2025 - Sep 2025

- Led backend work for a secure full-stack portal (ASP.NET Core + SQL Server) with role-based access and admin dashboards.
- Optimized database access patterns and EF Core queries, reducing admin operation time by 40%.
- Added unit tests, structured exception handling, and CI-friendly build steps.
- Repository: github.com/Gurry-12/OnlineBookManagementSystem

Real-Time Emotion Insight Analyzer | *Python, Flask, NLTK, scikit-learn, REST APIs*

Jun 2024 - Dec 2024

- Built a modular Flask backend exposing REST endpoints for text sentiment analysis, suitable for integration with web and mobile clients.
- Engineered a logistic-regression-based NLP pipeline with preprocessing, feature extraction, and model serialization; achieved 85% test accuracy.
- Implemented input validation, rate-limiting hooks, and unit tests; packaged the service for containerized deployment.
- Repository: github.com/Gurry-12/sentiment-analyzer

EDUCATION

Gulzar College of Engineering

B.Tech – Computer Science and Engineering (IoT & Cyber Security with Blockchain)

Ludhiana, Punjab

Jun 2021 – Jun 2025

H. S. Sr. Sec. School, Tapukara

Intermediate in Mathematics

Alwar, Rajasthan

2020 – 2021