RUCHIKA RAJODIYA | Software Engineer

Location: Columbus, OH**| Phone:** +1(312)-284-7145 **| Email:** **Ruchikarajodiya25@gmail.com**

PROFESSIONAL SUMMARY

Software Engineer with experience building and shipping backend and full-stack web applications with an emphasis on reliable APIs, clean data models, and production-style debugging. Skilled in REST API development, authentication/authorization, SQL & MongoDB data design, testing, and performance-focused troubleshooting. Strong CS fundamentals (DSA, networking basics, OS concepts) and comfortable owning features end-to-end in fast-paced environments.

TECHNICAL SKILLS

Languages: C#, JavaScript, Python, SQL, Java

Backend: ASP.NET MVC, ASP.NET Core, REST APIs, Authentication/Authorization (JWT/RBAC), API Integration, Validation, Error Handling, Logging

Frontend: React, HTML5, CSS3, Responsive UI, Dashboards, Admin Portals

Databases: SQL Server, PostgreSQL, MongoDB

Tools: Git/GitHub, VS Code, Visual Studio , Postman, JIRA

Testing/Practices: Unit Testing (pytest), Debugging, SDLC, Agile/Scrum

CS Fundamentals: Data Structures & Algorithms, Networking (HTTP/TCP basics), OS fundamentals, Concurrency basics

WORK EXPERIENCE

Destiny Solution Pvt. Ltd. ,Ahmedabad, India
Software Engineer (ASP.NET / Windows Environment)   **Sep 2022 – Nov 2023**
- Delivered backend and full-stack features in C# / ASP.NET MVC, owning modules from requirements → implementation → QA fixes → release.
- Built and maintained REST APIs connecting UI workflows with backend services, supporting internal integrations and external data exchange.
- Designed and optimized SQL Server schema (tables/relationships/queries) to improve performance and data integrity for core workflows.
- Debugged and resolved production issues by strengthening input validation, exception handling, and logging, improving overall stability.
- Collaborated in Agile sprints with QA and cross-functional teams to ship enhancements and reduce regressions during releases.
- Refactored legacy code into reusable components to improve maintainability and speed up future feature development.

Infolabz IT Solution Pvt. Ltd., Ahmedabad, India
Python Developer Intern   **Jun 2022 – Jul 2022**
- Implemented Python REST APIs for CRUD workflows, processing JSON payloads and integrating third-party services.
- Improved reliability by adding validation and structured error responses; supported QA by debugging and fixing defects.
- Wrote pytest unit tests for key endpoints to catch regressions and stabilize API behavior.

EDUCATION

Master of Computer Science   **Jan 2023- Dec 2025**
Illinois Institute of Technology, USA

Bachelor of Computer Engineering   **Jun 2019- May 2023**
Gujarat Technological University, India

PROJECTS

Online Management System | C#, ASP.NET MVC, SQL Server, HTML/CSS, JavaScript
- Built an ASP.NET MVC web application from scratch with secure authentication and role-based access (Admin/User).
- Developed 6+ modules with CRUD, server-side validation, and MVC separation (Controllers, Views, Models).
- Designed Master Page/Layout and built Admin + User dashboards with summaries and navigation.
- Implemented email notifications for confirmations, alerts, and status updates.
- Designed and optimized SQL Server tables and queries to support search, filtering, and reporting.

ServiceHub Pro (Multi-Tenant Business Operations Platform) | ASP.NET Core, SQL Server, Clean Architecture, JWT, React, TypeScript
- Built a multi-tenant platform with JWT authentication and modular APIs for core operations.
- Applied Clean Architecture patterns to improve maintainability and separation of concerns.
- Developed API endpoints and data workflows with validation and consistent responses for dashboards

Logistics Resource Optimization Platform | Node.js (Express), MongoDB, SQL
- Built backend services and data models to manage operational records and API-driven workflows.
- Implemented REST endpoints with validation and error handling to improve reliability.
- Structured data workflows to support optimization-style downstream decision-making.

KEY STRENGTHS

- Strong backend development skills with Node.js, REST APIs, and SQL
- Experience building and improving business application systems
- Good understanding of database design and data handling
- Comfortable working with legacy systems and modernizing workflows
- Ability to integrate backend services with AI-driven tools and outputs
- Strong problem-solving and debugging skills