

RUCHIKA RAJODIYA | Software Engineer

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

My Portfolio: <https://ruchika-portfolio-mu.vercel.app> | GitHub: <https://github.com/ruchikarajodiya25>

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

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| Destiny Solution Pvt. Ltd. ,Ahmedabad, India | |
| Software Engineer (ASP.NET / Windows Environment) | Sep 2022 – Nov 2023 |
| <ul style="list-style-type: none">- 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 |
| <ul style="list-style-type: none">- 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

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| Master of Computer Science | Jan 2024 - Dec 2025 |
| Illinois Institute of Technology, USA | |
| Bachelor of Computer Engineering | Jun 2019 - May 2023 |
| Gujarat Technological University, India | |

PROJECTS

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| Online Management System C#, ASP.NET MVC, SQL Server, HTML/CSS, JavaScript |
| <ul style="list-style-type: none">- 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 |
| <ul style="list-style-type: none">- 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 |
| <ul style="list-style-type: none">- 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. |