

RAHULNARAYAN IYER

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SUMMARY

Software Developer with over 2.5 years of hands-on experience building enterprise applications using C# and VB .NET. Experienced in developing secure, high-performance systems, collaborating with cross-functional teams, and applying Agile practices. Focused on delivering maintainable code, improving application speed, and reducing system downtime through targeted engineering solutions.

EDUCATION

Binghamton University <i>Master of Science, Computer Science</i> Operating Systems, Design Analysis and Algorithms, Computer Organization and Architecture, Design Patterns	Binghamton, NY, USA August 2023 - May 2025
Savitribai Phule Pune University <i>Bachelor of Engineering, Electronics and Telecommunication Engineering</i> Embedded Systems and Real Time Operating Systems, Microcontrollers, VLSI Design and Technology, Robotics	Pune, Maharashtra, India August 2016 – May 2020

WORK EXPERIENCE

Capgemini Technology Services India Limited 1. <i>C# Developer</i> <ul style="list-style-type: none">Enabled secure gift card transactions across 25,000+ US/Canada locations by designing and implementing a robust payment system using C# .NET and VB .NET.Increased transaction speed by 40% through system optimization and backend refactoring within Agile sprints.Reduced deployment risks by 95% by executing comprehensive regression testing over 200+ test cases before production rollouts.Elevated client satisfaction by 30%, contributing to improved user experience through seamless payment integration and reliability enhancements.	Pune, Maharashtra, India February 2022 – July 2023
2. <i>Application Support Engineer</i> <ul style="list-style-type: none">Enhanced system performance by 20% by delivering critical optimizations across 17 enterprise-grade applications.Cut operational downtime by 40% through proactive maintenance, issue resolution, and collaboration with technical teams.Improved response time by 15% by eliminating bottlenecks and optimizing backend processes.Recognized for resolving high-priority production issues, directly improving user accessibility and uptime.	August 2021 – January 2022
3. <i>Trainee</i> <ul style="list-style-type: none">Successfully completed intensive training in C#.NET MVC, Web API, and SQL, laying a strong foundation for enterprise-level application development.Demonstrated rapid skill acquisition and applied learning to real-world business modules in simulated environments.	February 2021 – July 2021

PROJECTS

E-commerce Web Application <ul style="list-style-type: none">Developed a full-stack commerce platform using ASP.NET Core 8 MVC, C#, Entity Framework Core, and SQL Server.Implemented secure, role-based access for users with dynamic Razor pages and responsive design via Bootstrap.Integrated cart, order, and product management workflows with real-time PayPal payment gateway.	April 2025
Yelp Camp <ul style="list-style-type: none">Designed and deployed a responsive MERN stack app with Passport.js/JWT authentication and Map Tiler-based mapping features.Enforced middleware-secured RESTful routes and CI/CD deployment using Render and MongoDB Atlas.	February 2025 – March 2025
Library Management System <ul style="list-style-type: none">Built a React/TypeScript application featuring optimized CRUD operations, decreasing manual handling errors by 40%.Employed microservices and MongoDB DAO pattern to enhance retrieval speed by 50%.Conducted unit testing with Chai/Mocha, achieving 90%+ code coverage.	January 2024 – May 2024

SKILLS

Languages & Frameworks: C#, VB .NET, Python, JavaScript, C, C++, Embedded C, HTML, CSS, ASP.NET, .NET MVC, Web API, React, Bootstrap, TypeScript

Databases & Tools: SQL, MongoDB, SQL Server, Entity Framework, Git, GitHub, Visual Studio, VS Code, REST APIs, CI/CD pipelines, Arduino

Development Practices: Unit Testing, Regression Testing, Version Control, Software Deployment, System Optimization, Agile Methodology, Scrum, Linux