

SUMMARY

Detail-oriented Software Developer with 2.5+ years of specialized experience in C# and VB .NET technologies. Strong foundation in software development practices with exposure to Agile methodologies and basic full-stack development concepts. Skilled at collaborating with cross-functional teams to deliver reliable software solutions while maintaining focus on system stability and user experience.

EDUCATION

Binghamton University, State University of New York, Watson School of Engineering <i>Master of Science in Computer Science</i>	Binghamton, NY, USA May 2025
Savitribai Phule Pune University, Modern Education Society's College of Engineering <i>Bachelor of Engineering in Electronics and Telecommunication Engineering</i>	Pune, Maharashtra, India August 2016 – May 2020

PROFESSIONAL EXPERIENCE

Capgemini Technology Services India Limited <i>Developer</i>	Pune, Maharashtra, India February 2022 – July 2023
<ul style="list-style-type: none"> Led development for Subway's Gift Card Payment system using C# .NET and VB .NET, enhancing customer transactions across 25,000+ US/Canada locations Collaborated with the Subway Payments team to implement robust security protocols for gift card processing, safeguarding sensitive customer data Performed comprehensive regression testing across 200+ test cases, ensuring system stability prior to deployment Applied Agile methodology across 6 development sprints, resulting in 30% increased client satisfaction and 40% improved transaction speed 	
<i>Application Support</i>	August 2021 – January 2022
<ul style="list-style-type: none"> Maintained and enhanced 17 applications (3 major, 14 minor) for Entergy's energy business operations Implemented critical system improvements that increased overall performance by 20% and reduced downtime by 40% Resolved customer concerns through effective troubleshooting and timely issue resolution Collaborated with cross-functional teams to eliminate application bottlenecks, improving response times by 15% 	
<i>Trainee</i>	February 2021 – July 2022
<ul style="list-style-type: none"> Trained in C#.NET Model-View Controller (MVC), Web API, and SQL. 	

PROJECT EXPERIENCE

Yelp Camp	February 2025 – March 2025
<ul style="list-style-type: none"> Built MERN stack app with RESTful API architecture and MVC design patterns Implemented Passport.js/JWT authentication with middleware-secured routes Created responsive Bootstrap UI with Maptiler API integration Deployed to Render with MongoDB Atlas and CI/CD pipeline 	
Social media end-to-end Data Analysis Pipeline	September 2024 – December 2024
<ul style="list-style-type: none"> Architected Python/MongoDB pipeline processing 5.8M+ US election posts through custom API integrations Implemented Docker containerization with multi-threading, achieving 65% faster data processing Optimized database queries with efficient caching strategies Created Plotly/Flask dashboard for real-time sentiment analysis 	
Library Management System	January 2024 – May 2024
<ul style="list-style-type: none"> Built React/TypeScript application enabling swift CRUD operations, reducing manual errors by 40% Used asynchronous microservices for real-time book categorization Created MongoDB DAO improving retrieval speed by 50% Performed Chai/Mocha unit testing ensuring 90%+ code coverage and maintaining high-quality standards 	
Dynamic Traffic Light Control System	January 2019 – November 2022
<ul style="list-style-type: none"> Implemented real-time traffic signal control system improving peak hour flow by 25% Synchronized lights and prioritized emergency vehicles, reducing their wait times by 70% Achieved 90% car detection accuracy using PyTorch object detection models with OpenCV Collaborated with 3 teammates on embedded systems integration 	

SKILLS

Technical Skills: C#, VB .NET, Python, JavaScript, C, C++, HTML, CSS, Bootstrap, React basics, SQL, MongoDB, .NET MVC, ASP.NET, Web API, Entity Framework, Visual Studio, VS Code, Git, GitHub, Unit Testing, Regression Testing, Agile, Scrum.
Soft Skills: Cross-functional Collaboration, Problem-Solving, Technical Communication, Time Management, Adaptability, Attention to Detail, Team Collaboration, Critical Thinking, Requirements Analysis, Self-motivated Learning