

Roshani Chede

Email : roshanichede@gmail.com | Mobile : +44 7553683774, +91 8605240473 | [Linkedin](#)

PROFESSIONAL SUMMARY

Software Engineer with 4+ years of experience in .NET development and BFSI domain specialization. Reduced defect recurrence by 70% through systematic code optimization while maintaining 99.9% system uptime. Led critical migration projects, resolving persistent issues and improving system performance by 30%. Proven expertise in VB.NET, C#.NET, ASP.NET MVC, Web Services, and database optimization across enterprise financial applications.

EXPERIENCE

- Tata Consultancy Services Limited | Mumbai, India | *October 2020 - August 2024*
Systems Engineer - Full time
 - Single-handedly managed Accounts Module, a core financial system handling 1000+ daily policy transactions for a leading Indian insurance banking system, ensuring 100% compliance with financial regulations
 - Part of development of a significant product for an insurance company, leveraging skills in web services, web APIs, and PL/SQL to improve system performance
 - Led Chrome Migration Project, overseeing the resolution of 400+ Jira defects and independently solving a 1.5-year unresolved policy PDF issue within one week, receiving an on-the-spot award for the achievement
 - Reduced system downtime by 60% through implementation of strategic monitoring protocols and database query optimization techniques
 - Enhanced system stability by resolving 200+ Jira defects, reducing defect recurrence by 70% and maintaining 99.9% system uptime
 - Managed critical production incidents with an average resolution time of 4 hours, minimizing financial impact through rapid response protocols
 - Reduced application load time by 40% through front-end optimization and backend query refinement techniques
 - Received 4 performance awards including Star of the Month and Special Initiative for exceptional technical problem-solving
- Creative Capsule InfoTech | Goa, India | *May 2020 - July 2020*
Frontend Developer - Intern
 - Built a template-driven Student Form using Angular FormsModule that processed 200+ student registrations, reducing form completion time by 40%
 - Developed 8+ form validation rules with real-time error messages, decreasing submission errors by 35% and improving data quality
 - Implemented 5 Angular directives (NgModel, NgForm, NgModelGroup) to manage form state, resulting in 60% faster development cycles
 - Integrated conditional error messages that reduced user support requests by 50% and improved form submission completion rate by 25%
 - Enhanced UI/UX of the form, optimizing field layouts and responsiveness, leading to a 30% improvement in user satisfaction ratings

TECHNICAL SKILLS

- **Programming Languages:** VB.NET, C#, C, C++, Java, Python, PL/SQL
- **Frameworks & Libraries:** .NET Core, ASP.NET MVC, AngularJS
- **Web Development:** HTML, CSS, Web APIs, Web Services
- **Databases & Query Languages:** SQL Server, Oracle, PL/SQL
- **Tools & Platforms:** Visual Studio, Git, Jira, Postman, Jenkins, Eclipse, Netbeans

EDUCATION

- University of Leicester | England, UK | *September 2024 - September 2025*
M.S. in Advanced Computer Science
- University of Goa | Goa, India | *August 2016 - August 2020*
B.E. in Computer Engineering - [Gold Medalist](#)

PROJECTS

- Emotional Geography using Social Media Data | [IJSER Paper Number: I0188743](#)
B.E. Final Year Project — NLP and Machine Learning
 - Created a human emotion analysis system achieving 92% accuracy in classifying 6 distinct emotions (Happy, Sad, Anger, Fear, Disgust, Surprise) from social media text
 - Processed and analyzed 15,000+ tweets using Python, NLTK, and scikit-learn, implementing advanced text preprocessing techniques
 - Developed machine learning models utilizing Natural Language Processing techniques that outperformed standard models by 40% in emotion detection precision
 - Published findings in the International Journal of Scientific & Engineering Research, presenting a novel approach to emotional geography mapping

ACHIEVEMENTS AND INTERESTS

- Achievements
 - Technical Secretary, CURSOR Council, Computer Engineering Department | *August 2018 - July 2019*
 - Bagged 2nd Place at Codeathon Spectrum Inter-department Coding Contest | *April 2018*
 - Bagged 2nd Place at Code-IT Technova Intercollege Coding Fest | *September 2018*
- Hobbies
 - Part-time Illustrator, Drawing, Video Editing, and Exploring New Places.
 - Apply creative design and problem-solving techniques in personal projects, blending technical coding skills with artistic elements to create unique digital and physical works.