

Aditi

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Summary

Versatile and detail-oriented full-stack developer with 2 years of hands-on experience in designing and implementing web applications using Angular for front-end development and C Sharp.NET for robust, scalable back-end solutions. Holds a Bachelor of Technology in Electronics and Communication from MAKAUT University. Proficient in multiple programming languages including Java, Python, and C++, with a strong aptitude for quickly adapting to emerging technologies. Demonstrated ability to work effectively in collaborative team environments, contributing to the successful delivery of innovative, high-quality software solutions.

Technical Skills

Frontend: Angular, TypeScript, HTML, CSS, JavaScript, Bootstrap

Backend: C Sharp, .NET Core, ASP.NET MVC, Web API, Entity Framework

Languages: C Sharp, Java, Python, C++, JavaScript

Database: SQL Server, MySQL

Tools: Visual Studio, VS Code, Postman, Git, Azure DevOps

Others: REST APIs, Agile/Scrum, OOP, MVC, SOLID Principles

Experience

Software Engineer, Full-time – Kolkata, India

Aug 2024 – Present

Delivered high-quality, well-tested solutions consistently within strict project deadlines, ensuring operational efficiency through optimized code structures, exceptional reliability with comprehensive testing protocols, and long-term maintainability through clean code practices and thorough documentation.

Technology Modernization Initiative

- Delivered high-quality, well-tested solutions within deadlines, ensuring efficiency, reliability, and maintainability
- Executed comprehensive backend migration from .NET 6 to .NET 8, resulting in significant performance improvements and enhanced security features
- Led frontend upgrade from Angular 7 to Angular 15, implementing modern component architecture that boosted application responsiveness and user interaction capabilities
- Implemented document processing enhancement by replacing EPPlus with GemBox, improving document generation accuracy and handling capabilities across multiple formats

API Development and Integration

- Designed and built robust APIs using Azure API Management (APIM), creating standardized interfaces for internal and external service communication
- Integrated multiple third-party APIs to automate business processes, reducing manual workload and increasing operational efficiency
- Developed comprehensive documentation for API endpoints, facilitating easier adoption by development teams

Security Implementation

- Implemented 401 Unauthorized access control mechanisms across all services, significantly improving data security and compliance
- Created standardized authentication workflows to ensure consistent security practices across the application ecosystem
- Conducted security reviews to identify and remediate potential vulnerabilities in existing systems

Agile Development Leadership

- Actively contributed to sprint planning sessions, helping to define achievable targets and allocate resources effectively
- Participated in regular review meetings to evaluate progress, address challenges, and identify optimization opportunities
- Collaborated cross-functionally with product managers, QA teams, and other stakeholders to ensure smooth deployments and continuous delivery

Trainee Software Engineer, Full-time – Kolkata, India

Aug 2023 – Aug 2024

Front-End Development

- Designed and developed responsive UI components using Angular framework, creating intuitive interfaces that enhanced overall user experience
- Implemented modern design principles to ensure consistent appearance and functionality across desktop and mobile devices
- Created reusable component libraries that improved development efficiency and maintained design consistency

Back-End Development

- Built and maintained backend services utilizing C# and .NET technologies, ensuring robust data processing and business logic implementation
- Developed RESTful endpoints to facilitate seamless communication between frontend and backend systems
- Gained extensive hands-on experience with API development and integration using Azure APIM, creating efficient data flows between systems

Technical Versatility

- Applied diverse programming knowledge in Java, Python, and C++ across multiple project scenarios, demonstrating language flexibility
- Implemented efficient algorithms and data structures to optimize application performance
- Developed cross-platform solutions to address varied technical requirements

Professional Development

- Actively participated in Agile ceremonies including daily stand-ups, sprint planning, and retrospectives
- Collaborated effectively within cross-functional teams to deliver reliable software solutions on schedule
- Demonstrated strong adaptability when facing new technical challenges, maintaining a continuous learning mindset
- Maintained unwavering commitment to code quality through comprehensive testing and peer review participation

Achievements

- Recognized with a formal **Certificate of Appreciation** in Q4 2024 for delivering exceptional technical solutions that significantly improved system performance and reliability, demonstrating outstanding commitment to excellence while consistently exceeding project expectations and actively mentoring junior team members.
- Acknowledged by senior leadership for rapidly adopting new technologies and frameworks, completing critical migration projects ahead of schedule, and developing innovative solutions that reduced operational costs and improved customer satisfaction metrics by over 15%.

Education

MCKV Institute of Technology, B.Tech in Electronics and Communication Engineering – MAKAUT University

Aug 2019 – July 2023

- CGPA: 8.9

Bridgeford School, CBSE – Class XII

Apr 2018 – Mar 2019

- Percentage: 70%

Bridgeford School, CBSE – Class X

Apr 2016 – Mar 2017

- CGPA: 9.8