

# PREM CHAND ARAVAPALLI

Senior .NET Full Stack Developer | Technical Lead | Azure | Microservices | Angular | SQL

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## PROFESSIONAL SUMMARY

Senior .NET Full Stack Developer with 5+ years of experience delivering scalable enterprise applications using C#, ASP.NET Core, Web API, Angular, Azure, and SQL Server. Experienced in technical leadership, task assignment, performance management, mentoring engineers, code reviews, and driving engineering quality. Strong background in REST APIs, microservices, application performance, and Agile delivery, with hands-on use of AI-assisted tools across the engineering workflow.

## PROFESSIONAL EXPERIENCE

### Infosys Limited

**Senior Associate Consultant** | Sep 2024 – Present

- Design, develop, and maintain enterprise-grade applications using C#, ASP.NET Core, Web API, and Entity Framework, translating business requirements into scalable technical solutions.
- Develop and optimize RESTful APIs, focusing on performance, security, scalability, and maintainability.
- Contribute to technical design and implementation decisions while following established engineering standards and architectural principles.
- Conduct code reviews and promote coding best practices to improve code quality, readability, and maintainability.
- Improve application performance and maintainability by refactoring legacy modules and modularizing monolithic components.
- Collaborate with clients, stakeholders, and cross-functional teams to understand requirements, resolve technical issues, and deliver software solutions.
- Participate in Agile/Scrum ceremonies, including sprint planning, estimation, and retrospectives, supporting delivery commitments and continuous improvement.
- Integrated AI-assisted tools into the engineering workflow for coding, debugging, testing, refactoring, documentation, and code analysis, improving developer productivity and engineering effectiveness.
- Mentored junior developers through technical guidance, code reviews, problem-solving, and knowledge sharing, helping strengthen development practices and technical capability within the team.
- Assigned and coordinated tasks across team members based on priorities, skills, dependencies, and delivery requirements.

### Accenture Solutions Pvt. Ltd.

**Custom Software Engineering Analyst** | Aug 2021 – Sep 2024

- Developed and maintained scalable full-stack enterprise applications using C#, ASP.NET Core, .NET Web API, Angular, TypeScript, and SQL Server.
- Designed and implemented RESTful APIs and microservices to support scalable, secure, and maintainable application architectures.
- Built responsive user interfaces using Angular, TypeScript, HTML, CSS, and Bootstrap, integrating frontend components with backend APIs.
- Implemented business logic and optimized data access using Entity Framework Core, LINQ, SQL Server, and stored procedures.
- Improved application performance through query optimization, troubleshooting, and efficient data-access implementation.

- Participated in requirement analysis, technical design, code reviews, testing, and production support within Agile/Scrum teams.
- Investigated and resolved application defects and production issues, contributing to application stability, maintainability, and reliable delivery.

## KEY PROJECTS

### 1. Charles Schwab Investment Management Tool — Infosys

Enterprise web application supporting investment portfolio management, portfolio analysis, market insights, trade execution, and reporting capabilities.

**Technologies:** .NET Core Web API, C#, SQL Server, Entity Framework, LINQ, Angular, xUnit, NUnit, Splunk, GitHub, Bamboo, Jira, Confluence, Control-M, Azure App Services.

### 2. ACAT — Accenture

Internal compensation management system used to allocate base and variable pay awards across employees within budgetary constraints and organizational guidelines.

**Technologies:** .NET Core Web API, C#, LINQ, AWS, SQL Server, Entity Framework, Azure DevOps, Microservices, Angular.

### 3. MYTR — Accenture

Web application used by talent leads and managers to communicate and release employee performance and compensation details. Employees can view their historical performance and compensation information.

**Technologies:** .NET Core Web API, C#, LINQ, AWS, SQL Server, Entity Framework, Azure DevOps, Microservices, Angular.

## TECHNICAL SKILLS

**Backend:** C#, .NET, ASP.NET Core, Web API, Entity Framework, LINQ

**Database:** Microsoft SQL Server, PostgreSQL, Stored Procedures, Query Optimization

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

**Testing:** xUnit, NUnit, MSTest

**Architecture:** Microservices, RESTful Services, Clean Architecture, SOLID Principles, Design Patterns

**Cloud & DevOps:** Microsoft Azure, Azure App Services, Azure DevOps, AWS, GCP

**Tools:** GitHub, Git, Visual Studio, VS Code, Postman, Bruno, Splunk, Bamboo, Control-M, Jira, Confluence

**AI-Assisted Development:** GitHub Copilot, Codex, OpenAI, Claude; AI-assisted coding, testing, debugging, documentation, and code analysis

**Methodologies:** Agile, Scrum

## EDUCATION

### Master of Technology (M.Tech) in Computer Science

Newton's College of Engineering, Andhra Pradesh | 73.8%

### Bachelor of Technology (B.Tech)

RVR & JC College of Engineering, Andhra Pradesh | 82.5%

## CERTIFICATIONS

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|----------------------------------------------------------|---------------------------------------------------|
| • Microsoft Azure AI Fundamentals (AI-900), 2024         | • Microsoft Azure Fundamentals (AZ-900), 2024     |
| • Microsoft Azure Administrator Associate (AZ-104), 2026 | • Microsoft DevOps Engineer Expert (AZ-400), 2026 |
| • GitHub Administration (GH-100), 2026                   | • GitHub Actions (GH-200), 2026                   |
| • GitHub Foundations (GH-900), 2026                      | • GitHub Copilot (GH-300), 2025                   |
| • GitHub Advanced Security (GH-500), 2026                |                                                   |

## AWARDS & RECOGNITION

### ACE Award — Accenture

Recognized for delivering exceptional client value and demonstrating collaboration excellence.