

Sheethal R

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PROFESSIONAL EXPERIENCE

Software Development Engineer II

Accenture, Bangalore

September 2021 - present

Variable Pay Calculation Application

- Implemented methods in .NET to upload files to Blob, import/export huge excel data to/from MS-SQL using OpenXML SAX approach, reducing the file processing time by 83%.
- Developed large business logic Stored Procedures in MS-SQL to perform various operations required for the calculation of variable bonus, thereby reducing the manual work by 80%.
- Implemented encryption of sensitive columns and indexing for SQL in-store data.

Internal Skill Management Application

- Successfully implemented 15+ REST APIs using .NET Framework, ensuring compliance with the latest Standard Security Scans and meeting SLAs.
- Utilized Azure services, including Application Insights, Blob Trigger, Azure Functions, Azure Key Vault, Scrutor, AutoMapper, and Serilog Sinks, and enhanced the application efficiency by 25%.
- Implemented a comprehensive Unit Testing Project using XUnit Framework, achieved 85%+ Code Coverage, leading to a 45% reduction in post-deployment bug reports.
- Developed a robust SQL Database Schema to facilitate smooth migration from MongoDB to MS-SQL.

Global Skill Maintenance Application

- Developed Single Page Applications (SPAs) using Angular and implemented 5+ REST APIs using .NET to streamline operations on Skill data in MS-SQL.
- Managed 10+ Scheduled Jobs hosted on Hangfire as an integral part of the application.

Data Migration Utility Tool

- Developed a Utility Tool using React and .NET to handle data seamlessly across different platforms.
- Implemented dynamic table column mapping, enabling upload of Excel files and data import into MS-SQL, MongoDB and PostgreSQL.

AWARDS

ACE - Skills Star Award

FY23 - Q3 - Accenture Celebrates Excellence (ACE) Winner - For consistently going extra mile to ensure deliverables exceed expectations.

SKILLS

Programming Languages

C#, Java, Python, C, LINQ, HTML5, CSS3, JavaScript, TypeScript, PHP

Cloud & Integration Tools

Microsoft Azure, Azure DevOps

Strengths

Quick learner, Self-motivated, Dedicated, Excellent analytical abilities, Team player

Frameworks, Libraries & Database

Angular 16, React, PrimeNG, Angular Material, Bootstrap, .NET Core 6.0, MS-SQL, PostgreSQL, MongoDB

Utility Software/IDEs

Visual Studio, Git, Postman, Visual Studio Code, MS Office, JMeter, UiPath, Automation Anywhere, Blue Prism

CERTIFICATES

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| • Microsoft Azure Fundamentals - AZ900 | • Microsoft Power Platform Fundamentals - PL900 | • Microsoft Azure Security, Compliance and Identity Fundamentals - SC900 |
| • Microsoft Azure Data Fundamentals - DP900 | • Microsoft Azure AI Fundamentals - AI900 | |

EDUCATION

8.92 CGPA - B.E in Computer Science and Engineering - August 2021

St Joseph Engineering College, Mangalore - Affiliated to VTU (Visvesvaraya Technological University, Belgaum)

Secured **3rd Rank** in the department, for showcasing academic excellence, dedication, and proficiency in the field.