

Sai Kanth K – .NET Developer

Career Objective: A results-driven .NET Developer with 10 yrs of experience, actively pursuing a Senior Developer/Tech Lead role. Proven expertise in designing and implementing microservices architecture, optimizing cloud solutions, and enhancing database performance. Committed to driving significant contributions and achieving impactful outcomes.

Academic Qualification

Degree	Institute/University	Year of passing	Aggregate (in %)
B.Tech. IT	CVR College of Engineering, JNTU-Hyderabad	2014	66.76
Intermediate MPC	Narayana Junior College, Board of Intermediate Education, Andhra Pradesh	2010	79.97
SSC	St. Paul's High School, Board of Secondary Education, Andhra Pradesh	2008	72.00

Professional Experience Summary

Total Work Experience : 10 Years experience.
Employer : Cognizant
Designation : Sr. Associate Projects
Role : Senior Developer/Tech Lead

Technical Skills:

Programming Languages : C#, SQL, REST API, jQuery, Batch Script, Entity Framework,
Microservices, .NET Core
Core Concepts : Basis of Data Structures and Algorithms (DSA)
Tools & IDE : Eclipse, Android Development Toolkit, Team City,
Microsoft VS 2015+, VS Code, SonarQube, Datadog, Kafka
Databases : SQL Server 2014+, Postgres, MySQL
Version Control : GIT, TFS, SVN
Cloud Services : AWS – SQS, SNS, S3, CRON job, Azure – Service Bus
Certifications : Azure - AZ900, AWS Associate Developer, Copilot prompt Engg.
AI/ML Tools : GitHub Copilot, Google Gemini , Firebase Studio

Project Experiences:

Project	Dowjones
Client	Dowjones
Role	Developer
Duration	Jan 2015 – Oct 2018
Tools/Skills set	SQL Server, Visual Studio, TFS
Project Description	<ul style="list-style-type: none">• Dow Jones Risk and Compliance (DJRC) is a global database of politically exposed persons (PEPs) and sanctioned individuals/entities, crucial for international financial regulations.• Tech Mahindra provides IT solutions for Dow Jones's XML-based system, which delivers this information through role-specific products like Watch list, Sanction Alerts, and Anti-Corruption, offering customized solutions for various user needs.
Contribution	<ul style="list-style-type: none">• Contributed to application enhancements using C#.• Supervised junior developers throughout the migration project lifecycle.• Liaised with the production team to analyze and resolve bugs.• Worked with SQL Server databases, designing and developing stored procedures.• Contributed to fixing front-end application vulnerability issues.

Achievements:

- Was awarded the prestigious **Pat on Back** award during 2016 First Quarter.

Project	Wheels – Migration
Client	Wheels Inc
Role	Developer/ Team Lead
Duration	Nov 2018 – Oct 2020
Tools/Skills set	SQL Server, Visual Studio 2015,2017, SSIS ,SVN
Project Description	<ul style="list-style-type: none">• Wheels is the first automotive fleet leasing and management company, offering services beyond leasing such as maintenance, fuel cards, registration, and strategic consultation for fleet efficiency.• Infosys provides solutions for Wheels's database migration, job migration, and application upgrades, using an Agile process for incremental releases and minimal impact.
Contribution	<ul style="list-style-type: none">• Coordinated new business requirements and solution changes across business units.• Ensured adherence to documentation practices, including data validation signoffs.• Provided technical training to managers and business partners.• Innovated multiple mundane tasks, resulting in a 60% decrease in

	<p>turnaround time.</p> <ul style="list-style-type: none"> Conducted peer code reviews. Managed releases as part of the product delivery process. Created automation that reduced costs by 50% for multiple modules planned over a year, leading to a 2-week early delivery.
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Achievements:

- Created multiple automation tools which were added to the corporate's **Bot Factory**, for usage across the organization.

Project	UAL – TRC
Client	UAL
Role	Sr. Developer (BodyShopping)
Duration	Oct 2020 – Jun 2022
Tools/Skills set	Visual Studio Code, MySql, Visual studio 2019, TeamCity, Kibana, DataDog, Fiddler, SonarQube, GitHub, AWS SQS, S3,SNS
Project Description	<ul style="list-style-type: none"> UAL is a major American airline headquartered at Willis Tower in Chicago. Measured by fleet size and the number of routes, it is the third largest airline in the world. United provides a portal (TRC – Travel Readiness Center) for the passengers to uploaded Covid related documents and have them approved. Teams follow AGILE process to have less impact and provide incremental releases.
Contribution	<ul style="list-style-type: none"> Coordinated daily with the onshore development team on status calls. Developed C# microservices using .NET Core for the new JET portal. Conducted API testing and debugging using Fiddler. Created NUnit test cases with mocking for developed code and performed code coverage analysis using SonarQube. Engineered and developed the auto-approval process for the Apple Health Card (Vaccine Card). Analyzed and resolved issues using the Datadog tool. Developed data visualizations using Kibana to extract insights from complex data for consultants and customers. Created an application to handle AWS SQS and SNS operations, created AWS CRON jobs, and possess basic knowledge of ephemeral containers; led peer code reviews, followed SOLID principles and the CQRS pattern; proposed and optimized critical code resulting in approximately 92% memory usage reduction and approximately 94% response time decrease (measured with BenchmarkDotnet).

Project	Unum - iServices
Client	UNUM
Role	Sr. Developer (BodyShopping)
Duration	Jun 2022 – Till Date
Tools/Skills set	Visual studio 2022, Postman, Postgres , SonarQube, Azure Devops , AWS S3, Lambda, Rest API, Azure Service Bus
Project Description	<ul style="list-style-type: none"> • Unum Group is a leading American insurance company, particularly known for disability insurance and other employee benefits. • They offer a range of group benefits including disability, life, accident, and critical illness insurance, as well as leave management and mental health services. • Cognizant is a technology services provider partners with Unum to enhance its technology infrastructure and software applications. • Cognizant's involvement includes application development, maintenance, digital transformation, data analytics, and infrastructure management.
Contribution	<ul style="list-style-type: none"> • Spearhead the design and optimization of PostgreSQL databases, potentially leveraging Azure services, with a focus on achieving up to a 60% improvement in database query performance. • Implement and manage SonarQube integration within DevOps pipelines to ensure adherence to stringent code quality and security standards across development teams. • Architect and develop highly efficient, serverless backend solutions utilizing AWS Lambda and RESTful APIs to meet scalability and performance requirements. • Design and implement robust data storage and processing solutions leveraging AWS S3, potentially incorporating AWS Lambda for efficient pipeline orchestration. • Conducted interviews for full-stack engineers for both internal team expansion and external hiring initiatives. • Led the development of a reusable library for the automated masking of Personally Identifiable Information (PII), employing hashing to ensure secure anonymization across relevant applications, resulting in the delivery of a critical masking project three weeks ahead of schedule. • Applied GitHub Copilot for rapid code generation and debugging, complemented by Google Gemini for comprehensive technical analysis and problem-solving.

Personal Details:

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