

# Sree Charan Addala

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## SUMMARY

Backend-first software engineer with 3+ years of experience building scalable distributed systems and APIs. Proven track record developing high-volume Java and C# services deployed to enterprise users. Strong foundation in system design, data structures, and algorithms with hands-on experience in PostgreSQL, Docker, CI/CD, and cloud infrastructure. Passionate about leveraging data and machine learning to solve complex problems and deliver exceptional user experiences.

## TECHNICAL SKILLS

**Languages:** Java, C#, Python, SQL, Go

**Backend Technologies:** REST APIs, Microservices, Distributed Systems, WPF, .NET

**Data & ML:** PostgreSQL, SQL Server, Big Data, Machine Learning Systems, Power BI

**Cloud & DevOps:** Docker, Azure DevOps, CI/CD Pipelines, Azure Integration Services, Git

**Tools & Frameworks:** Dynamics 365, DevExpress, Entity Framework, Azure, Linux

## EXPERIENCE

### Software Engineer

Jan 2025 – Present

Toronto, ON

*Stealth Mode Startup*

- Architected backend data workflows using PostgreSQL, improving data consistency across distributed services and eliminating manual data handling bottlenecks
- Designed and implemented scalable backend systems collaborating with cross-functional stakeholders to meet evolving business requirements and reduce development cycles by 25%
- Analyzed and refactored existing services to identify performance gaps, resulting in cleaner architecture, improved maintainability, and more reliable production deployments
- Led technical implementation of critical features across the application stack, ensuring high-quality code delivery in fast-paced agile environment

### Associate Software Engineer

Jun 2022 – Nov 2023

Hyderabad, India

*CGS (Computer Generated Solutions)*

- Developed and deployed distributed ERP backend services using C#, .NET, and SQL Server serving thousands of enterprise users with 99.9% uptime
- Built reusable service libraries and shared business logic components, reducing development time by 20% and enabling rapid feature deployment across multiple teams
- Optimized complex SQL queries and stored procedures processing millions of records, improving query performance by 30% and enhancing system scalability
- Implemented comprehensive error handling, logging frameworks, and CI/CD pipelines in Azure DevOps, reducing production incidents by 35% and accelerating release cycles by 25%
- Architected and integrated Dynamics 365 with external systems via REST APIs and Azure Integration Services, enabling real-time event-driven workflows for business automation
- Collaborated with product owners and designers in agile teams to deliver high-quality features, participating in code reviews and system design discussions

### Software Trainee

Dec 2021 – May 2022

Hyderabad, India

*CGS (Computer Generated Solutions)*

- Developed centralized error handling and logging infrastructure, reducing post-deployment debugging time by 30% and improving system observability
- Built Power BI dashboards integrating multiple data sources, enabling data-driven decision-making and reducing manual reporting effort by 40%
- Optimized database schemas and SQL queries, improving data retrieval performance by 35% for analytics workloads

## KEY TECHNICAL PROJECTS

**Distributed API Platform** – Designed and implemented high-volume REST APIs serving enterprise clients, with focus on scalability, monitoring, and production reliability

**Real-Time Data Pipeline** – Built event-driven integration system using Azure services, processing millions of records daily with sub-second latency

**Backend Optimization Initiative** – Led performance tuning effort resulting in 30% query improvement and 25% faster deployment cycles through CI/CD automation

## EDUCATION

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<b>Master of Business Administration (MBA)</b>	Jan 2024 – Jun 2025
<i>University Canada West</i>	<i>Vancouver, BC</i>
<b>Advanced Certification in Data Science &amp; AI</b>	Oct 2021 – Sep 2022
<i>Indian Institute of Technology, Madras</i>	<i>Chennai, India</i>
<b>Bachelor of Technology in Computer Science</b>	Jun 2016 – Jun 2020
<i>Gitam University</i>	<i>Hyderabad, India</i>