

Sethu Srinivasan

Sammamish, WA | 425-246-4674 | sethusrinivasan@gmail.com | linkedin.com/in/sethusrinivasan

Software Development Manager with 25+ years of experience building and operating large-scale cloud services at AWS and Microsoft. Proven track record of building distributed systems from inception to launch, driving technical strategy, and growing high-performing engineering cultures. Hands-on experience across database technologies, full-stack development, cloud infrastructure, and AI-driven automation. Passionate about customer-centric solutions and accelerating innovation through AI.

EXPERIENCE

Software Development Manager

2018 – 2026

Amazon Web Services (AWS)

- Led a team of 8 engineers across AWS Database initiatives, driving roadmap, technical strategy, and operational excellence while mentoring engineers and fostering a high-performance culture.
- Launched Amazon DocumentDB and Amazon Timestream from inception to general availability, achieving SOC2 and FedRAMP (High) compliance.
- Designed and delivered a passwordless IAM authentication solution for Aurora Postgres, including a Java-based auth proxy, enabling secure, token-based connectivity for a "vibe coding" platform and eliminating static credentials. Showcased at AWS re:Invent 2025.
- Migrated 30K+ query clusters across 8 AWS regions from Intel to Graviton, reducing CapEx by 20% without impacting availability or performance.
- Mentored the team to build an AI-based log analysis solution integrated into CI/CD, reducing testing and certification time by 40%.

Software Development Manager

2014 – 2018

Microsoft

- My team delivered Managed SQL Server Instance experience with automated management capabilities for patching, backup, disaster recovery, and easy-to-use lift-and-shift migration tooling — generating a \$100M+ revenue opportunity.
- Mentored the team to build self-service diagnostic views in SQL Azure, enabling customers to monitor failures and throttling — reducing support cases by approximately 60%.
- Partnered with multiple teams to migrate self-hosted Dynamics CRM databases to SQL Azure across regions, resolving technical blockers and reducing expenditure by 30%.
- Partnered with Fortune 500 companies to resolve scaling issues, address adoption blockers, and deliver automated database migration tools for SQL Server.

Senior Software Engineer

1999 – 2014

Microsoft

- Developed major portions of SQL Server Management Studio (SSMS) in C#, used by millions of customers; decoupled SSMS as an independent web release for monthly updates.
- Built SQL Agent in C++, an always-on agent handling job scheduling, alerting, and notifications across all SQL Server installations.
- Mentored junior developers and interns on C#, C++, and SQL Server internals, accelerating their onboarding and feature contributions.

SKILLS

Leadership: Team Leadership, Technical Strategy, Roadmap Planning, Agile/Scrum, Mentoring

Cloud & Infrastructure: AWS (EC2, S3, RDS, EMR, Lambda, CloudFormation, CDK, Bedrock), Azure

Languages: Java, Python, Go, Rust, C++, C#, TypeScript, JavaScript, Kotlin

Databases: SQL Server, MySQL, PostgreSQL, SQLite, DuckDB, DocumentDB, Timestream, Aurora

AI & Applications: Agentic AI, Kiro, Claude, AntiGravity, Copilot, Vercel, Lovable

OS: Linux, Windows, MacOS, Android

EDUCATION

University of California, Berkeley - Master of Information and Cybersecurity (In Progress)

2026 – Present

City University, Seattle - Master of Business in Project Management

2006

College of Engineering, Guindy, India - Bachelor of Engineering in Manufacturing

1996