

SAI PRAVEEN OS

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 Bengaluru, India

Senior Software Engineer | Cloud Developer
Full Stack Developer | AI Enthusiast

Seasoned, forward-looking Software Engineer with 16+ years of experience designing and delivering scalable, high-impact software solutions that elevate business productivity. Deep expertise across the full software development lifecycle, with a strong track record of driving end-to-end project execution—from architecture and design through development, deployment, and long-term maintenance.

Thrives in distributed, cross-functional environments, consistently delivering results in fast-paced, deadline-driven settings. Brings significant backend engineering strength in Node.js and .NET, leveraging serverless architectures, CI/CD pipelines, and modern DevOps practices to build stable, resilient, and maintainable systems. Has recently worked on building AI inference frameworks to determine customer health, sales opportunities. Worked on setting up AI-powered SRE agents to minimize MTTR for on-call engineers.

TECHNICAL EXPERTISE

Languages	JavaScript, TypeScript, C#, PowerShell, Bash, Python, HTML/CSS
Frameworks	Node.js, .NET, React, Angular, NUnit, Jest, Moq
Cloud	AWS (Lambda, ECS, Step Functions, Bedrock), Azure (App Services, Functions), GCP
Data Stores	DynamoDB, MongoDB, MySQL, SQL Server, Oracle DB, Cosmos DB, Elasticsearch
CI/CD & Infrastructure	GitHub Actions, Terraform, Docker, Jenkins, TeamCity, Git, SVN
Tools	VS Code, Visual Studio, WSL, Windows Services, Chef Infra, DevExpress
AI Dev Tools	VS Code Copilot, Kiro, Codex, Claude CLI, MCP
Monitoring	Datadog, AWS CloudWatch, AWS X-Ray, Kibana, Azure App Insights, PagerDuty, AlertOps
Architecture & Practices	Microservices, Event-Driven Architecture, Serverless, Cloud-Native Architecture, Infrastructure as Code, AI-Powered Development
Current Objectives	Observability, APM (Application Performance Monitoring), RUM (Real User Monitoring)

PROFESSIONAL EXPERIENCE

Oct '20 – Jun '26  Remote	Software Developer III Rackspace Technology Public Cloud Platform & Experience, Rackspace Office 365 Node.js, C#, .NET, React, AWS, Azure, Lambda, ECS, Step Functions, Terraform, Docker, Datadog, Palantir Foundry, GitHub Actions, PowerShell, DynamoDB, MongoDB, AWS CloudWatch, Azure App Insights, Palantir ➤ Architected SRE Agents using Strands SDK, Bedrock AgentCore, and AWS DevOps Agent to autonomously investigate alarms and generate code PRs for human evaluation, reducing Mean Time to Resolution (MTTR) for on-call engineers. ➤ Built AI inference frameworks for the public cloud platform organization using Step Functions, LangChain, and AWS Bedrock, enabling customer-facing teams to proactively identify customer health signals and sales opportunities. ➤ Ingested and ontologized application data into Palantir Foundry to establish a single source of truth, built operational dashboards, and leveraged AI/ML features to surface actionable insights across the platform organization. ➤ Instrumented application and operational telemetry into Datadog, configuring monitors and dashboards that enabled rapid root-cause isolation during outages across public cloud applications. ➤ Maintained tier-one business-critical application serving thousands of AWS, Azure, and GCP customers for cloud resource management and daily operations. ➤ Provided technical leadership to a team of 10 engineers across Public Cloud Platform and Office 365 teams, contributing to architecture decisions, story decomposition, peer code reviews, and scrum ceremonies. ➤ Modernized CI/CD pipelines by migrating from Jenkins to GitHub Actions, reducing build complexity and improving deployment velocity across the team. ➤ Architected and delivered time-tracking integration within the Janus platform using Node.js, AWS services, and React, enabling billable hours capture by Rackspace technicians and automated data flow to billing and downstream systems. ➤ Implemented Microsoft-driven platform changes across the M365 Control Panel, participating in co-pilot and Q&A sessions to translate business requirements into production code using C#, .NET, and Azure
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services.

- › Developed integration modules for third-party product offerings in the M365 billing system, maintaining Windows services (billing runner, customer onboarding/offboarding) serving enterprise customers.
- › Gathered and organized compliance evidence for PCI DSS, SOX, and vendor partner audits, ensuring timely and accurate submissions.
- › Engaged cross-functionally with frontline support, customer success managers, and stakeholders to resolve customer data issues and drive product corrections.

Jan '14 – Oct '20

 Bengaluru, India

Senior Lead Engineer | Methode Electronics | Enterprise Software

C#, ASP.NET, Angular, SQL Server, Azure, NUnit, Git, SVN

- › Architected and developed replacement systems for legacy business rule engines using C#, ASP.NET Web API, SQL Server, and Angular, serving manufacturing divisions across India, China, and Malta.
- › Designed and validated new business rules by systematically deconstructing legacy system behaviour over multiple iterations, achieving near-zero divergence from production outputs.
- › Built suite of internal web applications (Defect Management, Maintenance Database, PRPO, RFC/ECN, Sales Forecasting, Front Desk) enabling operational efficiency across the automotive manufacturing domain.
- › Led a team of 4 engineers, providing technical guidance, code reviews, and mentorship across project deliverables.
- › Led full SDLC from requirements gathering through deployment, conducting in-person stakeholder engagements at international sites in Malta and China to align technical delivery with business objectives.
- › Delivered training sessions across multiple geographies, accelerating user adoption and reducing support burden for newly deployed systems.

Dec '09 – Jan '14

 Bengaluru, India

Senior Systems Engineer | Infosys Limited | Banking & Financial Services

C#, ASP.NET, Oracle DB, JavaScript

- › Designed and developed workflow application for managing user requests end-to-end using C#, ASP.NET, and Oracle DB, streamlining internal process management.
- › Upgraded customer bank's marketing applications to maintain compatibility with evolving platform and technology standards, ensuring zero downtime during transitions.

CERTIFICATIONS

AWS	AWS Certified Developer – Associate · Issued Apr 2026 · Expires Apr 2029
	AWS Certified Solutions Architect – Associate · Issued Jun 2025 · Expires Jun 2028
	AWS Certified AI Practitioner · Issued Dec 2024 · Expires Dec 2027
	AWS Certified Cloud Practitioner · Issued Dec 2024 · Expires Dec 2027
Azure	Microsoft Certified: Azure AI Fundamentals · Issued Mar 2025
	Microsoft Certified: Azure Fundamentals · Issued Mar 2021
	Microsoft Certified: Azure Developer Associate · Issued Jun 2021 · Expires Jun 2027
Rackspace	Hybrid Cloud Foundation · Issued Sep 2025
	AI Foundation · Issued May 2025
Palantir	Foundry & AIP Builder Foundations · Issued Apr 2026

EDUCATION

2005 – 2009 **B.Tech, Computer Science & Engineering** | JNTU Anantapur, India

2003 – 2005 **Higher Secondary Certificate (12th Grade)** | Board of Intermediate Education, Andhra Pradesh, India

LANGUAGES

Telugu (Native) Kannada (Conversational) Tamil (Conversational) Hindi (Conversational) English (Professional)