

# VISHAL J TOM

Senior Software Engineer

Bangalore, India | Open to relocation

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## PROFESSIONAL EXPERIENCE

### Hewlett Packard (HP Inc.)

Software Engineer Specialist | NOV 2023 - PRESENT

- Architected and developed event-driven Java microservices hosted on AWS EC2 leveraging RabbitMQ, AWS SQS/SNS across large distributed systems.
- Led architectural redesign of a GDPR compliance platform and migrated from DynamoDB to RDS, achieving cost optimization, improved system reliability and faster compliance readiness with ~\$20K monthly savings and 90% reduction in resource usage.
- Won multiple company-wide hackathons for developing AI-driven solutions, improving existing systems using MCP.
- Partnered with stakeholder teams in the US and Canada to align cloud systems, enabling smooth product launches and reliable cross-system transitions.
- Contributed to the transition of select API services to Go to achieve better performance, lower latency and improved resource efficiency.
- Mentored junior engineers in understanding system architecture, domain-specific workflows and helping them build production-ready solutions.

Software Engineer 2 | MAR 2021 - NOV 2023

- Built and maintained API based microservices that power an ecosystem of over 200M cloud-connected printers in AWS IoT across multiple HP platforms and business models.
- Contributed to building a serverless, event-driven privacy compliance platform across company printers using AWS Lambda, DynamoDB and message broker services.
- Contributed to migrating legacy API services to microservice based architecture with backward compatibility and zero production impact, improving system decoupling and long-term maintainability.
- Created dashboards and monitoring tools on Splunk that improved visibility, faster triage and reduced production issue resolution times.

### Infosys Limited

Senior Systems Engineer | JUL 2020 - MAR 2021

- Owned and delivered a firm-wide .NET-based employee self-service microservices application from concept to production, leading requirements analysis, development and deployment to streamline document access, payroll, leave management and other tasks.
- The platform impacted over 300K employees and its productization was planned for enterprise clients.
- Won the Torch Bearer Award for my technical contributions in the project and team impact.

Systems Engineer | JUL 2018 - JUL 2020

- Developed and enhanced services in .NET and supported organization's transition toward a microservices-based architecture.
- Implemented reusable APIs leveraged across multiple internal platforms, improving system interoperability and reducing duplication.
- Recognized with Star Rookie and Insta Award for my strong performance as an early-career engineer.

## TECHNICAL SKILLS

Programming Languages - Java, Go

Cloud & Infrastructure - AWS (EC2, Lambda, Kinesis), Terraform

Databases - MySQL, DynamoDB, RDS, MongoDB

Messaging & Event-Driven Systems - RabbitMQ, AWS SQS/SNS

DevOps & CI/CD - Azure Pipelines, Jenkins

Monitoring & Observability - AWS CloudWatch, Splunk, DataDog

Feature Management - LaunchDarkly

## ACADEMIC QUALIFICATION

Bachelor of Technology in Computer Science

SRM Institute of Science and Technology