

Vighnesh Shenoy

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Summary

I'm a software engineer with 3.5 years of experience in developing and maintaining enterprise, cloud-based solutions generating \$8M+ in monthly revenue. I am well-versed with engineering scalable applications with an ability to collaborate effectively with geo-distributed teams.

Experience

Microsoft

Software Engineer II | Azure Container Apps (ACA)

Hyderabad, India | Jan 2025 – Present

- Implemented application health checks via DAPR (CNCF-graduated project) to improve customer workload reliability.
- Onboarded ACA to Azure Resource Graph (ARG) to enable inventory management and improve auto-triaging of customer issues.

Software Engineer II | Azure Functions

Hyderabad, India | March 2024 – December 2024

- Enhanced security for Functions on Azure Container Apps (ACA) by designing & implementing support for Azure Managed Identity, improving enterprise user experience.
- Integrated managed identity with other Azure services such as Key Vault, Container Registry, etc. to provide a seamless experience for developers.
- Improved team productivity and code reliability by **10%** by refactoring the development experience enabling E2E tests to be run as part of the CI/CD pipeline.
- Achieved a **7%** increase in SLIs for customer incidents by implementing dashboards and alerting systems, improving debugging and resolution times.
- Mentored **2** interns, ensuring a smooth onboarding, helping them learn, and guiding them to successfully complete their deliverables.

Software Engineer | Azure Functions

Hyderabad, India | July, 2021 – March, 2024

- Achieved a **99.99%** SLA for control-plane APIs for Functions on ACA by improving backend capabilities and resolving critical issues.
- Gained privileged contributor access to **KEDA**, an open-source CNCF-graduated project enabling event-based autoscaling of workloads on Kubernetes.
- Led the KEDA add-on for Azure Kubernetes Service (AKS) from preview to general availability as the sole developer, providing a managed KEDA experience on AKS.
- Increased overall KEDA usage across OSS and AKS add-on by contributing essential features & bug-fixes achieving a **20%** attach rate of KEDA with AKS clusters.
- Acted as the primary maintainer of **10+** KEDA scalers for various Azure services, enabling customers to auto-scale their applications on Azure.
- Improved developer contributions & efficiency by developing an E2E testing framework facilitating the migration of tests from TypeScript to Go for **60+** KEDA scalers.

Walmart

Software Engineering Intern | FASTr

Remote | January, 2021 – June, 2021

- Boosted developer productivity by **30%** by creating an internal support tool for debugging the QuickPick application used by Walmart associates.

Amazon

Software Engineering Intern | Delivery Service Partner (DSP) Acquisition

Remote | July, 2020 – December, 2020

- Raised overall backend performance by 15% for the marketing website by deploying it in a cloud-native fashion on AWS using industry standards.

Education

BITS Pilani, Hyderabad Campus

August, 2016 – July, 2021

B.E. Computer Science & **M.Sc.** Mathematics | **GPA:** 9.10 / 10

Hyderabad, India

Skills

Programming Languages: Go • C# • Python • JavaScript • C/C++ • Scripting (Bash, PowerShell)

Tools & Technologies: Linux • Git • Docker • Kubernetes • ASP.NET • SQL • Azure (Container Apps, Functions, App Service, Storage, AKS)

Soft Skills: Communication • Teamwork • Leadership • Technical Writing • Decision Making

Languages: English (Professional) • Hindi (Bilingual) • Konkani (Native) • Marathi (Limited)