

# Vighnesh Shenoy

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## Summary

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Software engineer with 3+ years of experience in managing large-scale projects with 400K+ monthly active apps & 3B+ requests per day. Detail-oriented and proficient in a wide array of technologies and software development practices. Well-versed at fostering collaboration within diverse, geo-distributed teams of 20+ people ensuring project success.

## Experience

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### Microsoft

#### *Software Engineer II* | Azure Functions

Hyderabad, India | **March 2024 – Present**

- Enhanced security for Functions on Azure Container Apps (ACA) by designing & implementing features such as CORS and support for Azure Managed Identity (MI), improving enterprise user experience.
- Reduced attack surface for Functions on ACA by 5% by adding important security features such as managed identity based scaling and integration with OAuth providers such as EntraID.
- Achieved an increase in SLIs for customer incidents by 7% by setting up dashboards, alerts for debugging leading to quicker resolution.
- Showcased mentorship capability by acting as a mentor to 2 interns, providing them a seamless on-boarding experience to the team & helped accomplish the planned deliverables.

#### *Software Engineer* | Azure Functions

Hyderabad, India | **June, 2021 – March, 2024**

- Ensured a 99.9% SLA for control-plane APIs for Functions on ACA by enhancing backend functionality and resolving critical issues.
- Acquired privileged contributor access to KEDA, which is an open-source CNCF 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 leading to a 20% attach rate of KEDA with AKS clusters.
- Acted as the primary maintainer of 10+ KEDA scalers for various Azure services, enabling users to autoscale their applications on Azure.
- Increased developer contributions & efficiency by developing an E2E testing framework facilitating the migration of tests from TypeScript to Go for 60+ scalers.

### Walmart

#### *Software Engineering Intern* | FASTr

Remote | **January, 2021 – June, 2021**

- Improved developer productivity by 5 developer hours by creating a support tool to debug the QuickPick app used by Walmart associates.

### Amazon

#### *Software Engineering Intern* | Delivery Service Partner (DSP) Acquisition

Remote | **June, 2021 – December, 2021**

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

### Microsoft

#### *Software Engineering Intern* | Exchange Hybrid

Remote | **April, 2020 – May, 2020**

- Architected & implemented an ala-carte mode in the Hybrid Configuration Wizard for on-prem Exchange Server allowing for selective component installation.

## Education

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### **BITS Pilani, Hyderabad Campus**

**August, 2016 – May, 2021**

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

Hyderabad, India

## Skills

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

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

**Soft Skills:** Communication • Teamwork • Leadership • Problem Solving • Critical Thinking • Documentation

**Languages:** English • Hindi • Konkani • Marathi