

MAYANK AGGARWAL

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EDUCATION

Vellore Institute of Technology, Vellore <i>Bachelor of Technology in Computer Science</i>	May 2015 – May 2019 <i>CGPA: 8.50</i>
Vivekanand School, Delhi <i>Class: XII(CBSE) & Class: X(CBSE)</i>	March 2015 & March 2013 <i>Score: 91.50% & CGPA: 10</i>

EXPERIENCE

Microsoft, Azure <i>Senior Software Development Engineer</i>	Sept. 2025 - Present <i>Hyderabad, India</i>
<ul style="list-style-type: none">Currently building resiliency capabilities with backup and disaster recovery for Azure Cosmos DB, ensuring enterprise-grade data protection and business continuity for mission-critical workloads.Led Azure BCDR engineering team for AKS in designing and delivering enterprise grade GA (General Available) Data Protection solution for Azure Kubernetes Service ensuring robust backup and disaster recovery capabilities for critical workloads. Actively contribute to Velero open source project (CNCF) for Kubernetes backup and disaster recovery.Onboarded Fortune 500 enterprise customers and supported more than a million backups with SLA of 99.99 for backup and restore with SLA of 100. Presented the Azure AKS BCDR solution in KubeCon Europe Paris 2024 engaging with over 15000 attendees which was hosted by Linux Foundation.	June 2019 – Sept. 2025 <i>Hyderabad, India</i>

SKILLS

Languages: C++, C#, Golang, .NET, Java, Python, Flask, NodeJS, Bash

Cloud, Infrastructure: Azure, Kubernetes, Docker, AWS

Databases: SQL, MongoDB, Azure Table, Blob, Fileshares, Firebase

Mobile and Web: Android, ReactJS, ExpressJS, AngularJS, HTML5/CSS3, Typescript, JavaScript, JQuery, Bootstrap

PROJECTS

Gardianscale — Next-Gen CI/CD Platform	Project Link
<ul style="list-style-type: none">Built a next-generation CI/CD platform with intelligent elastic caching (Node, Docker, Java, Python) and automatic infrastructure provisioning using Kubernetes, Docker, and Go, accelerating builds by up to 50x with zero configuration and providing 4x faster cache performance through intelligent caching mechanisms.	
VIT GO — Android Application	Project Link
<ul style="list-style-type: none">Developed high traffic Android App with over 33K users with over 100K impressions per day which aims to bring every academic details on their fingertips. It displays all the academic information for students and with a lot of customize features. This app also ranked 3rd in productivity category in India on Google Play Store.	

EDGE.FIT — AI Gym Trainer

- It is a virtual personal fitness trainer which uses **Computer vision**, and Intelligent Edge and Cloud computing to help users achieve their fitness goals efficiently.

[Project Link](#)

ACHIEVEMENTS

Microsoft Garage Hackathon: 1st/85 teams. [Link](#)

NASA SpaceAppChallenge'17: 18th/105 globally in world. [Link](#)

Apple Developers Group, App-A-Thon'17: 2nd/100 teams. [Link](#)

Google Developers Hackathon - Devfest'16: Platinum Prize Winners. [Link](#)

SOCIETIES

Google Developer Group, Team Sammard, Creation Labs, IEEE-CS