

HARIHARAN J

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Professional Summary

Motivated and detail-oriented **Bachelor of Computer Applications** graduate with a strong foundation in **Cloud Computing, Programming and Web Development**. Possess hands-on experience in **AWS cloud services, programming languages including Java and Python, and Database management** gained through academic projects and certifications. Seeking an entry-level role to leverage technical expertise and contribute to organizational growth.

Technical & Soft Skills

- **Cloud Platforms:** AWS (EC2, S3, IAM, Lambda, VPC, RDS)
 - **Operating Systems:** Linux, Windows
 - **Programming Languages:** Python, Java, C++, C#, C, JavaScript
 - **Web Development:** HTML, CSS
 - **Databases:** MySQL, Oracle, MariaDB
 - **Tools & Technologies:** GitHub, Excel, Word, Visual Studio, Eclipse, NetBeans
 - **Soft Skills:** Teamwork & Collaboration, Adaptability, Leadership, Time Management, Problem-Solving, Communication
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Projects

Portfolio Website Hosting on AWS S3

- **Situation:** Developed and deployed a personal portfolio website using AWS cloud services to effectively showcase my projects, technical expertise, and accomplishments, ensuring a professional online presence with reliable performance and accessibility.
- **Task:** My responsibility was to securely host the static website on AWS and manage user access through AWS Identity and Access Management (IAM). I ensured that the hosting environment followed best security practices and that deployment permissions were properly configured for safe and efficient website management.
- **Action:** Developed a static portfolio website using **HTML, CSS, and JavaScript**, then hosted it on **Amazon S3** for static web hosting. Configured **bucket policies** for public access, created a **dedicated IAM user** with fine-grained permissions for S3 access, and tested accessibility through the S3 static website endpoint.
- **Result:** Successfully deployed a fully functional, cost-effective, and secure portfolio website on AWS S3, improving accessibility and demonstrating hands-on experience with **AWS S3, IAM, and cloud security best practices**.

3-Tier Web Application Architecture on AWS

- **Situation:** Built a highly available 3-tier web application as a personal project to gain hands-on experience with real-world cloud architecture and AWS deployment best practices.
 - **Task:** My task was to design and implement the complete cloud infrastructure for the application, including networking, compute, load balancing, and database layers.
 - **Action:** I created a custom VPC with public and private subnets across two Availability Zones and deployed my web application on Amazon EC2 instances in the Web Tier. I configured an Application Load Balancer for traffic distribution and used additional EC2 instances in private subnets for the App Tier. For the Database Tier, I implemented Amazon RDS (MySQL). I secured the architecture using security groups, route tables, Internet Gateway, and private networking between tiers.
 - **Result:** The architecture achieved 99.9% availability, improved performance through load balancing and read replicas, and ensured secure isolation between application layers. The project demonstrated my ability to build production-style, scalable, and reliable AWS cloud solutions.
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Education

BCA-Bachelor Of Computer Applications

- CGPA – 7.58
 - Sastra University (SRC Campus), Kumbakonam, Tamilnadu
 - 2025
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Certifications

- AWS Certified Cloud Practitioner
 - AWS re/start Graduate
 - AWS Educate Introduction to Cloud 101
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Virtual Internship

- Cloud Computing Intern – Codec Technologies | Nov-2025