THIYAGU S

Chennai • +91-80151-13607 •sthiyagu466@gmail.com

• Linkedin   • Github •My Portfolio

OBJECTIVE

AWS Certified Cloud Practitioner and AWS re/Start Graduate with a solid background in cloud computing, Linux, Networking basics and learning DevOps. I am highly motivated and quick to learn new technologies. I want to contribute to cloud and automation projects by using my problem-solving skills and practical AWS experience. I am eager to join a vibrant organization that values innovation, ongoing learning, and technical development.

WORK EXPERIENCE
Jul 2025 - Nov 2025

AWSre/Start Program — Internship

- Trained in AWS core services, Linux, networking fundamentals, and Python.
- Collaborated on team projects to design and deploy cloud-based solutions.
- Deployed a website using Amazon S3 and EC2 instances configured with Apache (httpd) and Nginx web servers.

EDUCATION
2022-2025

Bachelor of Computer Applications(**BCA**)

DRBCCC Hindu College, Pattabiram, Chennai.

PROJECTS

Website Deployment with AWS Cloud Services

- Deployed a fully functional website using **Amazon S3** for hosting, **CloudFront** for CDN, **ACM** for SSL/TLS security, and **Route 53** for a custom domain.
- Configured secure, high-performance, and globally accessible web hosting.
- Implemented automated HTTPS via ACM and optimized content delivery through CloudFront caching.

NOVA – Voice Assistant

- Developed a Python-based voice assistant enabling hands-free control of Windows systems.
- Built with PyQt for GUI, speech recognition, and multithreading for smooth performance.
- Implemented voice-controlled automation for apps, browser, email, and media tasks.
- Enabled wake-word activation with modular, scalable architecture for future NLP integration.

V-Chat (Django)

- Developed a full-stack Instagram-like web app using Django, featuring photo sharing, likes, comments, and user profiles
- Integrated real-time chat with Django Channels and WebSockets, backed by Redis
- Implemented secure user authentication and customizable profile pages
- Designed a responsive UI using Bootstrap 5, optimized for both desktop and mobile devices
- Added real-time notifications for messages and interactions to enhance user engagement

---

SKILLS

- Cloud Services: AWS EC2, S3, IAM, VPC, RDS, CloudWatch, Route 53, CloudFront, ACM.
- DevOps & Tools: GitHub, Linux, Nginx, Apache HTTPD, Visual Studio Code,Terraform (Basic), Networking (Basic)
- Programming: Python, HTML, CSS
- Databases: MySQL (Basic)
- Operating Systems: Windows, Linux, Ubuntu Other.
- Other Tools: PuTTY (Remote Access & SSH),PuttyGen (Key Conversion)

CERTIFICATION COURSES

- **AWS - RE/Strat Graduate**
- **AWS - AWS Cloud Practitioner**
- **Infosys -** Prompt Engineering
- **Infosys -** Introduction to Artificial Intelligence
- **Google Cloud -** Introduction to Generative AI
- **IBM -** python 101

EXTRA-CURRICULAR ACTIVITIES

Coordinator & Documenter, Synergy Quiz Club , DRBCCC HINDU COLLEGE

- Organized and hosted quiz programs and events with high student participation.
- Provided technical support and helped in managing quiz for club activities.