

# THIYAGU S

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## OBJECTIVE

AWS Cloud / DevOps Fresher with hands-on experience deploying and managing AWS infrastructure using EC2, S3, IAM, CloudFront, Route 53, and ACM. Strong foundation in Linux and networking, seeking an entry-level cloud or DevOps role focused on deployment and automation.

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## SKILLS

- Cloud Platforms (AWS): EC2, S3, IAM, VPC, RDS, CloudWatch, Route 53, CloudFront, ACM.
- DevOps & Infrastructure: Git, GitHub, Docker, Terraform, Linux, Nginx, Apache HTTP Server
- Networking Fundamentals: TCP/IP, DNS, HTTP/HTTPS, Load Balancing, SSH
- Programming: Python, HTML, CSS
- Databases: MySQL
- Operating Systems: Linux, Windows
- Developer & Remote Tools: Visual Studio Code, PuTTY, PuTTYgen, WinSCP

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## PROJECTS

### Website Deployment with AWS Cloud Services

[GitHub Link](#)

- Deployed a fully functional website using Amazon S3, CloudFront, ACM, and Route 53 with HTTPS and global CDN delivery.
- Configured secure, high-performance hosting with CloudFront caching and custom domain integration.
- Implemented automated HTTPS via ACM and optimized content delivery through CloudFront caching.

### NOVA – Voice Assistant

[GitHub Link](#)

- 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)

[GitHub Link](#)

- 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

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## WORK EXPERIENCE

Jul 2025 - Nov 2025

### AWS re/Start Program – Cloud Intern (Training & Project-Based)

- Completed a hands-on, project-based AWS training focused on cloud infrastructure, Linux, and networking fundamentals.
- Deployed static and dynamic websites using Amazon S3 and EC2, configuring Apache (httpd) and Nginx on Linux servers.
- Worked with core AWS services including EC2, S3, IAM, and VPC, along with basic security configurations.
- Collaborated on team projects to design, deploy, and troubleshoot cloud-based solutions.

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## EDUCATION

Bachelor of Computer Applications(**BCA**)  
DRBCCC Hindu College, Pattabiram, Chennai.

2022-2025

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## CERTIFICATION COURSES

- **AWS - RE/Strat Graduate**
- **AWS - AWS Cloud Practitioner**
- **IBM - python 101**

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## 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.