

GAYATHRI N

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As a recent B.Sc.Computer Science graduate, I'm eager to contribute to innovative teams and tackle real-world challenges. I have a strong foundation in programming languages like Python, Java, and C++. I've also gained experience in project management. I'm excited to bring my skills and enthusiasm to a dynamic team and make a meaningful impact in the tech industry. I'm confident that my skills, experience, and passion for technology make me an ideal candidate for a challenging and rewarding position.

Education

Bachelor of Science in Computer Science

Srimad Andavan Arts & Science College, Trichy – 2024 (2021-2024)

CGPA-8.09

Higher Secondary Education

Seva Sangam Girls Higher Secondary School, Trichy – 2021 (2020-2021)

Percentage- 85%

Secondary Education

Seva Sangam Girls Higher Secondary School, Trichy – 2021 (2019-2020)

Percentage- 74.4%

Certifications

- **AWS Solution Architect** — FITA Academy
 - **Cloud Foundations** — Great Learning
 - **ReactJS** — Simplilearn
 - **Excel** — Great Learning
 - **Bootcamp on chatbot using NLP** — NoviTech
 - **Bootcamp on Artificial Intelligence**— NoviTech
 - **Bootcamp on Datascience on Power BI**— NoviTech
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Technical Skills

Programming Skills

Python Programming (Intermediate): Proficient in writing scripts and developing applications, focusing on data structures and algorithms.

- **SQL Programming (Intermediate):** Experienced in creating and managing databases, writing complex queries to extract and manipulate data.
- **Excel (Intermediate):** Skilled in data analysis using functions, pivot tables, and data visualization.
- **HTML & CSS (Intermediate):** Proficient in creating responsive web pages, ensuring cross-browser compatibility.
- **JavaScript (Intermediate):** Skilled in dynamic web content, including event handling and DOM manipulation.
- **React.js (Beginner):** Basic understanding of building user interfaces, including components and state management.
- **Git and GitHub (Beginner):** Familiar with version control concepts for tracking changes and collaborating on projects.

AWS Cloud

- **AWS Certified Solutions Architect – Associate** (if applicable): Validates expertise in AWS.
- **Hands-on Experience:** Developed and deployed scalable applications using EC2, S3, and Lambda.
- **Cost Management:** Familiar with AWS cost management tools to optimize resource usage and reduce expenses.
- **Security Best Practices:** Knowledge of IAM roles and policies for secure cloud environments.

Django

- **Full-Stack Development:** Built full-stack web applications using Django REST Framework for API development and integration.
- **Database Integration:** Worked with PostgreSQL/MySQL databases, implementing complex queries and ORM.
- **User Authentication:** Implemented authentication and authorization features for enhanced security.
- **Deployment:** Experience deploying Django applications on platforms like Heroku or AWS Elastic Beanstalk.

Terraform

- **Infrastructure Automation:** Created and managed infrastructure using Terraform, ensuring consistency across environments.
- **Module Development:** Developed reusable Terraform modules for streamlined resource provisioning.
- **Version Control Integration:** Integrated Terraform configurations with Git for collaborative infrastructure management.

Shell Scripting

- **Task Automation:** Automated routine system tasks and backups, improving efficiency.
 - **System Monitoring:** Created scripts for monitoring system performance and alerts for proactive maintenance.
 - **Environment Setup:** Developed scripts for setting up development and production environments, reducing setup time.
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Projects

1. **Project 1 E-Content in Student Portal**

This Project is a real-time working project that is used in my college portal, I built it with the help of my project partner, and PHP & MySql are used.

2. **Project 2 E-Commerce Website**

Website designed for online purchasing; I built this for a technical competition using technologies such as HTML, CSS, JavaScript, and references to ChatGPT.

3. **Project 3 Sales Dashboard**

This showcases the sales data to date and was built for knowledge testing, utilizing Excel.

4. **Project 4 Infrastructure as a Code**

Implementing infrastructure as code using Amazon Web Services (AWS), which simplifies the execution of large tasks, utilizing AWS Cloud and Terraform technologies.

Volunteer Experience

Event In-Charge

Srimad Andavan Arts & Science College — 2022-2024

- Led and organized over 30 events, enhancing teamwork and leadership skills.
- Successfully conducted inter-college competitions, achieving a hat-trick victory for the department

NSS Volunteer & Head Girl

Srimad Andavan Arts & Science College — 2021-2024

- Participated in various awareness programs
 - Worked in cleaning process
 - Led a unit of girl volunteers with my lead team.
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Additional Information

- Available for relocation
- Eager to start a career as an AWS Solution Architect -Associate, Software Development, Web Development.