

Gayathri

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GitHub — LinkedIn

Summary

Final-year BCA student with practical experience in web application development, SQL database management, and application debugging. Skilled in REST APIs, CRUD operations, testing workflows, and troubleshooting database-driven systems. Experienced in building and maintaining full-stack applications using React, Node.js, PHP, and MySQL. Seeking an Analyst Trainee role to support enterprise applications, IT operations, and data-driven systems.

Work Experience

Web Development Intern — Brassy Technologies (1 Month)

- Developed responsive web interfaces using HTML, CSS, and JavaScript.
- Built a Resume Generator application with dynamic form handling and real-time rendering.
- Identified and fixed UI and functional defects through structured testing and debugging.
- Validated workflows and improved cross-browser compatibility.
- Used Git for version control and collaborative development.
- Assisted in troubleshooting application issues during implementation.

Projects

Snap Resume — Resume Generator Web Application

- Developed a dynamic resume generation system using HTML, CSS, and JavaScript.
- Implemented form validation and DOM manipulation for real-time updates.
- Designed responsive UI improving usability and workflow efficiency.
- Performed testing and debugging to ensure application stability.

Modern Blog Management System (PHP & MySQL)

- Built a database-driven blog platform implementing CRUD operations.
- Designed relational database schema and optimized SQL queries.
- Implemented authentication and role-based access control.
- Conducted database testing to maintain data integrity.

SkillBridge — Full Stack Skill Management Application

- Developed full-stack application using React.js, Node.js, Express.js, and MySQL.
- Designed RESTful APIs for managing user and skill data.
- Integrated frontend with backend services and tested APIs using Postman.
- Debugged backend endpoints and improved data handling processes.

Education

Bachelor of Computer Applications (BCA)

St. Xavier's College, Palayamkottai, Tirunelveli
2023 – 2026

Certifications

NPTEL — Data Science for Engineers (IIT System)

Technical Skills

Programming: JavaScript, Python, PHP, C++, Java (Basic)

Database: MySQL, Oracle, SQL (Joins, CRUD, Schema Design)

Web: HTML5, CSS3, React.js, Node.js, Express.js

Tools: GitHub, Postman, VS Code, MySQL Workbench

Core Competencies: SQL Querying — REST APIs — Application Debugging — Testing — Troubleshooting — SDLC

Additional Information

- Experience working with database-driven and API-based applications.
- Familiar with Software Development Life Cycle (SDLC) practices.
- Strong analytical and problem-solving skills for application issue resolution.