

Ganapathi M

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PROFESSIONAL SUMMARY

Motivated BCA student with hands-on experience in backend development, RESTful API design, Linux system administration, and networking fundamentals. Proficient in Python, JavaScript, SQL, Git, and Bash scripting. Experienced in building scalable web applications, database management, automation, and configuring NAS and DNS systems. Seeking an entry-level role in backend development or infrastructure-focused engineering.

EDUCATION

Bachelor of Computer Applications (BCA)

2023 – 2026

DGVC, Tamil Nadu, India

INTERNSHIPS

Centre for South Indian Studies

10 Dec 2025 – 24 Dec 2025

Web Development Team Member

Chennai

- Collaborated with cross-functional team members to design, develop, and deploy a fully functional institutional website
- Contributed to both frontend and backend integration using modern web technologies
- Assisted in optimizing UI performance and ensuring responsive design across devices
- Participated in deployment, testing, and post-launch refinement of website features

PROJECTS

Full-Stack Web Application | React, Node.js, PostgreSQL

- Designed and developed a RESTful backend with structured database schema
- Implemented authentication and secure API endpoints
- Improved backend performance through optimized database queries

Linux Automation Scripts | Bash, Cron

- Built automation scripts for log monitoring, disk usage tracking, and system health checks
- Scheduled automated tasks using cron jobs to reduce manual workload

Networking & Infrastructure Setup | NAS, DNS, Remote Access

- Configured local network environments including LAN setup, IP configuration, and subnet structuring
- Deployed and managed a Network Attached Storage (NAS) system with secure remote access
- Configured domain and DNS settings including record management and resolution testing
- Explored self-hosted infrastructure models and compared them with cloud-based architecture solutions

Creative Media Projects | DaVinci Resolve, Photoshop

- Produced and edited short-form and promotional videos with professional transitions and audio balancing
- Designed thumbnails, posters, and digital creatives with strong visual consistency
- Applied color correction, motion effects, and layout principles for high-quality output

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, SQL, Bash

Web Technologies: HTML, CSS, React, Node.js, Express

Databases: PostgreSQL, MySQL

Tools: Git, GitHub, Docker (Basics), Linux CLI, VS Code

Concepts: Data Structures & Algorithms, REST APIs, OOP, Version Control, Networking Basics

VERSION CONTROL & COLLABORATION

- Actively use Git and GitHub for source control and project management
- Experienced in branching strategies, pull requests, and collaborative development workflows
- Maintain structured repositories with proper documentation and commit hygiene