

# MANOJ G K

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## PROFILE SUMMARY

Analytical and detail-oriented MCA student with hands-on experience in Python development, cloud deployment, and DevOps practices. Proficient in designing user-focused web applications, optimizing backend logic, and maintaining code quality. Adept at working with cloud platforms, automation tools, and collaborative workflows. Strong communicator with a passion for continuous learning, systems thinking, and delivering scalable solutions.

## EDUCATION

NITTE Meenakshi Institute of Technology, Bangalore

November 2024 - Present

**Master of Computer Application**

**CGPA: 7.83**

Don Bosco Degree College, Chitradurga

June 2021 - August 2024

**Bachelor of Computer Application**

**CGPA: 8.07**

## PROFESSIONAL EXPERIENCE

**Eco-Friendly Awareness Website** — [GitHub](#) | [Live Site](#)

- Developed a responsive, static website promoting eco-conscious living, attracting 500+ unique visitors in its first month
- Deployed the site via GitHub Pages using a custom domain, ensuring 100% uptime
- Boosted search engine visibility by incorporating semantic HTML and structured metadata
- Increased mobile user retention by 30% through adaptive layouts and accessible UI patterns

**IT Quiz Web App** — [GitHub](#) | [Live Site](#)

- Built an interactive quiz platform using Flask and MySQL, engaging over 100 users within the first week
- Configured and launched the application on AWS EC2 with Nginx and Gunicorn for high reliability
- Set up Route 53 and SSL certificates to enhance domain routing and site security
- Refined backend performance, reducing response latency by 40% through logic optimization
- Integrated CI/CD pipelines using GitHub Actions and Jenkins for automated deployment and real-time debugging

## SKILLS

### Programming & Tools:

- Java, Python (Intermediate).
- Amazon Web Services (AWS) – EC2, S3, IAM, VPC, CloudWatch.
- Git & GitHub – Version control, branching strategies, GitHub workflows.
- Terraform – Infrastructure provisioning and automation.
- Ansible – Configuration management and automation.
- Docker – Image creation, container lifecycle.
- Kubernetes – Pods, Services, Deployments, Cluster management.
- Linux – Basic command-line usage, file system navigation, user and permission management, package installation, and service handling.
- CI/CD pipelines (Basic)– Jenkins, GitHub Actions.

### Soft Skills:

- Problem-solving, teamwork, and communication.
- Time management and attention to detail.
- Critical Thinking.
- Self-Motivation & Curiosity.

## CERTIFICATIONS

- AWS Certified Cloud Practitioner** – Jan 2025 to Mar 2025 | [Link](#)
- Cisco Certified: Networking Basics** – June 2025 | [Link](#)