

Gokulakannan S

*B.E. in Electronics and
Communication
Engineering*

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Education

2019–2023 **Bachelor of Engineering in Electronics and Communication Engineering,**
*Francis Xavier Engineering College, Anna University, Tirunelveli, India, First Class
with Distinction (8.83 CGPA)*

Certifications

Certification on GitOps, The Linux Foundation

Achieved the GitOps certification from The Linux Foundation, demonstrating proficiency in GitOps principles and practices.

NDG Linux Unhatched, Cisco Networking Academy®

Successfully completed the NDG Linux Unhatched course in the Cisco Networking Academy, gaining fundamental knowledge of the Linux command line. This course provided essential skills, offering a solid foundation in Linux systems.

Introduction to Packet Tracer, Cisco Networking Academy®

Completed the Cisco Networking Academy® Introduction to Packet Tracer course, gaining proficiency in network simulation and configuration using Packet Tracer.

Professional Experience

2023–Present **Graduate Engineering Trainee, Syrma SGS Technology, Chennai, India**

Responsibilities:

- Worked on various DevOps tasks and Linux system administration.
- Developed and maintained shell scripts in Bash for automating routine tasks.
- Managed packages and software installations on both enterprise and desktop Linux distributions.
- Configured and maintained KVM-based virtual machines.
- Implemented Ansible playbooks to automate configuration management, ensuring consistency across systems.
- Conducted regular security assessments and updates to maintain the integrity of the Linux environment.
- Collaborated with teams to optimize system performance and resolve technical issues.

2022 **Data Analyst Intern**, *Colakin*, Melbourne, Australia, Remote (3 months)

Responsibilities:

- Analyzed and processed large datasets to extract meaningful insights and trends.
- Created data visualizations and reports to communicate findings to the team.
- Assisted in designing and implementing data collection and cleaning processes.
- Collaborated with cross-functional teams to support data-driven decision-making.
- Conducted statistical analysis and provided actionable insights to improve data-driven strategies.

Projects

- **Crude Oil Price Prediction:** The project involved using data analysis and machine learning techniques to predict crude oil prices. Additionally, the project included presenting the predicted data in a website that updates in real-time.
- **A Secure Manhole and Sewage Management System:** Developed a secure system for managing manholes and sewage, ensuring efficient and safe maintenance and operations.

Skills

Operating Systems	Linux (Various Distributions)
DevOps	Shell Scripting (Bash), Package Management, Ansible
Virtualization	KVM-based Virtual Machines
Tools	Git, Docker, Ansible
Languages	Python (Basic)

Languages

English	Fluent
Tamil	Native

References

Available upon request.