

Gokulakannan S

*B.E. in Electronics and
Communication
Engineering*

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perplexed-nihlist.tech/



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), BSD (OpenBSD, NetBSD)
DevOps	Shell Scripting (Bash), Package Management, Ansible
Virtualization	KVM-based Virtual Machines
Tools	Git, Docker, Ansible, Prometheus
Languages	Python (Intermediate), C (Novice)

Additional Information

HackerRank www.hackerrank.com/gokulakannany2k2

Languages

English	Fluent
Tamil	Native

References

Available upon request.