

H.GOPIKA Full stack Developer | Devops

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PROFILE

Motivated Computer Science graduate with strong foundational knowledge in AWS cloud services, Linux administration, and core networking concepts.. Proficient in Python, MySQL, Git, Linux commands, and web technologies including HTML, CSS, JavaScript, and REST APIs. Quick learner with strong problem-solving and communication abilities, eager to apply technical in entry- level role where I can apply and expand my skills,eager to learn, grow, and contribute to a dynamic environment.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Rajadhani institute of engineering and technology
CGPA : 6.5

2021 – 2025

Thiruvananthapuram

Higher Secondary

MMHSS UPOODU
Mark : 89%

2020 – 2021

kollam,kerala

Secondary

ST.JOHN'S RESIDENTIAL HIGHER SECONDARY SCHOOL
Mark : 75%

2018 – 2019

kollam,kerala

SKILLS

Tech Skill

- Programming: Python
- Libraries & Framework : Pandas,Django
- Networking: CCNA Basics,Routing, Switching, Subnetting
- Cloud: AWS , Docker
- Linux: User & Permission Management, Shell Scripting
- Web Technologies: HTML, CSS, JavaScript
- Databases: MySQL
- Tools: Git, VS Code, PyCharm, Cisco Packet Tracer

Soft Skills

Problem Solving, Communication, Teamwork

PROJECTS

Blood Group Detection Using Fingerprint

2024 – 2025

- Built an automated system that predicts human blood groups using fingerprint patterns to support fast medical decision-making.
- Performed image preprocessing, feature extraction, and pattern analysis using OpenCV to improve classification accuracy.
- Developed a Flask-based backend to process fingerprint inputs and generate results in real time. Used SQL for storing images, processed results, and system logs.
- Technologies: Python, Flask, OpenCV, SQL.

Biometric Attendance System Using Facial Recognition

2024

- Developed a secure attendance management system using facial recognition to replace manual tracking.
- Implemented face detection and recognition using Python and OpenCV to improve accuracy and speed.
- Technologies: Python, OpenCV, MySQL, HTML, CSS, JavaScript

COURSES

CCNA – Networking fundamentals, routing & switching

2025

Thiruvananthapuram

- Networking Fundamentals: Helps understand how data moves in networks, used in IT support, cloud, and system admin roles.
- IP Addressing & Subnetting: Used to design networks, assign IPs, and ensure devices communicate correctly.
- Routing Protocols: Used to configure routers so data finds the fastest path across networks.
- Switching Concepts: Applied in setting up internal networks, VLAN isolation, and improving security.
- ACLs: Helps control network traffic and secure access.
- DHCP, DNS, NAT: Core services used in any company network, cloud platforms, or data centers.
- Network Security Basics: Protects networks from unauthorized access and attacks.

RHCSA

2025

Thiruvananthapuram

- Linux Administration
- User & Permission Management
- File System Structure
- Basic Shell Commands
- System Services

AWS

2025

Ongoing

Thiruvananthapuram

CERTIFICATES

Java Software Developer

Completed the course under Infosys Foundation Finishing School for Employability Program

Dekathon 2.0

An Indo malaysian International Hackathon and proposed an idea on “SOLID WASTE MANAGEMENT”