# GOKUL A

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## PROFILE

Dedicated and driven, pursuing a Cyber Security degree, deeply committed to safeguarding digital landscapes. Through unwavering enthusiasm and dedication, I continually strive for excellence, embracing challenges with determination. Eager to contribute my passion and relentless pursuit of knowledge to the evolving cyber security realm.

## SKILLS

| | | |
|---|---|---|
| Data structures | Python | Team Leadership |
| Algorithms | Java | Communication |
| Networks | C/CPP | MySQL |

## EDUCATION

**Karpagam College of Engineering** **7.9 CGPA**
2022 - 2026

**HSC – Adhiyaman Matric** **89.25 %**
2019 - 2021

## PROJECTS & WORKSHOPS

**Weather Forecasting System** **Mini project - 2023**

Developed a Weather Forecasting System that delivers accurate predictions using real-time data and advanced algorithm and designed to provide current conditions, hourly forecasts with a user-friendly interface with graphs and summaries.

**Cloud Technologies** **Workshop - 2023**

Attended a workshop on cloud technologies in AWS that offered valuable insights into fundamental cloud computing concepts and essential AWS services. The workshop covered key infrastructure components of AWS and explores best practices for secure and effective cloud deployments.

**Smart Agrothon** **Hackathon - 2023**

Participated in Smart Agrothon 2023 under the theme of “Development of devices for assessing quality” which focuses on creating innovative tools to evaluate agricultural product quality with precision and efficiency.Notably, our team secured third prize in this national-level hackathon demonstrating our excellence and commitment to advancing agricultural technology under this theme.

**Bootcamp on Python** **Internship - 2023**

Developed proficiency in Python programming, including object-oriented programming, data structures, and algorithm design. Participated in daily coding challenges and code reviews to improve coding skills and adopt best practices in software development.

**HackElite** **Hackathon - 2023**

Developed an IoT-Based Automatic Car Parking System with License Plate Recognition to enhance urban parking efficiency and convenience. It uses cameras, OCR software, and IoT sensors to automate vehicle entry, exit, and parking management.

**Malicious URL Detector** **Mini project - 2024**

Developed a Malicious URL Detector system that employs machine learning and threat intelligence to swiftly categorize risky URLs. It assesses domain reputation and content anomalies in real-time, offering users immediate risk evaluations through an intuitive interface.

**Machine learning with tensorflow** **Workshop- 2024**

Attended a workshop on the development and deployment of a mobile application equipped with a pre-trained machine learning model for detecting chess boards in images, utilizing Python libraries Scikit- learn and OpenCV for training and testing the model.

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## CERTIFICATIONS

**Online learning**

- Cyber security and its types
- Introduction to firewall
- Introduction to Cloud computing

**NPTEL Course**

- Human Behaviour
- Internet of things(IoT)