# Career Objective

Dedicated and driven Integrated MCA student specializing in Cyber Security, with a strong foundation in identifying vulnerabilities, conducting threat analyses, and implementing robust security measures. Passionate about safeguarding digital environments and ensuring data integrity. Actively seeking an opportunity to contribute to a forward-thinking organization, leveraging technical expertise and a proactive approach to strengthen cybersecurity frameworks while advancing professional growth.

# Academics

## Integrated Master Of Computer Applications

Saintgits College of Engineering (Autonomous), Kottayam

## 2 0 2 5

Affiliated to APJ Abdul Kalam Technological University

## 2 0 2 0

**2 0 1 8**

CGPA: 8.10 / 10

## Senior Secondary Education

NSS HSS Kaviyoor Kerala Board Passed with 78.75%

**Secondary School Education** National High School Vallamkulam Kerala Board

Passed with 96.67%

**JAYARAJ J PILLAI**

**Contact**

24-06-2002

Thulasi bhavan Nannoor Vallamkulam P.O Thiruvalla Pathanamthitta Kerala

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**Technical Skills**

HTML CSS

JavaScript MySQL

C/C++ Programming Python - Django Linux Shell Scripting

Networking Packet Tracer Wireshark Threat Analysis

**Soft Skills**

Problem Solving Willingness to learn Creativity

Adaptability Teamwork



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# Projects

## Crypto-Steganographic application- Stego-Vault

Developed Crypto-SteganographicVault, a secure application integrating cryptography, steganography, watermarking, and tampering detection for data protection using HTML5, CSS3, Bootstrap, JavaScript, Python, Django, PostgreSQL, AES/RSA, SHA-256, and LSB Steganography.

## Password Manager Application - P-Vault

Developed a secure password management website with encryption, authentication, and tools using HTML5, CSS3, Bootstrap, JavaScript, and Python - Flask and SQL-Alchemy.

## Dirt Sweeper - Vacuum Cleaner

Smart Vacuum cleaner build using Arduino Uno and IOT sensors.

## Raspberry Pi - Object Detection car

Object detection car built using Raspberry Pi, L298n motor bridge, Pi camera, car chassis kit.

## Tecknohow Solutions - Business portfolio Website

A website designed using HTML5, CSS3, Bootstrap, JavaScript and PHP.



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**Internships**

**Android App Development**

**( 5 d a y s )**

**2 0 2 4**

**( 4 w e e k s )**

TECHMAGHI

Working of android studio, IntelliJ software, Java programming. Android app development.

## Cyber Security & Ethical Hacking

CODTECH IT SOLUTIONS

Developed a Password Strength Enumerator tool. Developed a Simple Network Vulnerability Scanning tool.

# Certifications

**Area Of Interest**

Cybersecurity Analyst Python - Django Developer Penetration Tester

**Hobbies**

Chess Crafting

Listening to Music Drawing

**Languages Known**

English Hindi Malayalam

## CC Certified in Cybersecurity (CC)

ISC2

January 2025

## Tata Cybersecurity Security Analyst Job Simulation

Forage November 2024

## AIG Shields Up: Cybersecurity virtual experience

Forage August 2024

## Networking Devices and Initial Configuration

Cisco Networking Academy August 2024

## Networking Basics

Cisco Networking Academy July 2024

**Introduction To Cybersecurity** Cisco Networking Academy July 2024

## Cybersecurity Bootcamp

REDTEAM Hacker Academy June 2024

## Databases and SQL for Data Science with Python

IBM

April 2024

## Cyber Security Fundamentals

University of London February 2024

## Tinder Clone using HTML and CSS

Devtown February 2023

# Workshop & Fests

## FOSS TechVenture - March 2024

ICFOSS

## Web development workshop on Django - August 2023

Saintgits College of Engineering, Kottayam

## SRISHTI - 2024

Presented the Dirt Sweeper Project at Saintgits College of Engineering, Kottayam, showcasing its innovative approach and practical applications.