

GOKUL KANNAN G

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Rajapalayam, Tamil Nadu - 626108

EDUCATION

DIPLOMA IN COMPUTER ENGINEERING – 90.88% **2024**

PSG Polytechnic College, Coimbatore, Tamil Nadu

CENTRAL BOARD OF SECONDARY EDUCATION (CBSE) – 85.2% **2021**

Bhavan's Gandhi Vidyashram, Kodaikanal, Tamil Nadu

- Secured **1st Rank** in Mathematics
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INTERNSHIPS

Hackup Technologies, Coimbatore (15/05/2023 – 10/06/2023)

- Fetching the HTTP request between client and server and modifying the request
 - SQL Injection , Cross Side Scripting , Cross-Site Request Forgery (CSRF) , Bug Bounty
 - Phishing – Creating a website to phish the details from the user
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SKILLS

Programming – C , Java , IoT , Python, SQL, HTML, Android Studio

3D Modelling – Blender, Unity HUB

Editing – Photoshop , Premier Pro, After Effects, Davinci Resolve

Linux – Ubuntu , Kali

Website Hacking – Block the request between client and server and modify the request

CMS – Joomla , Drupal , Word Press

WORKS AND PROJECTS

Developed VulnScan - A High Level Web Penetration Testing tool (Final Year Project)

- VulnScan has **12 high level modules** – Port Scan, Domain Enumeration, Domain Fingerprinting, SQL Injection, XSS Testing, CSRF Detection, Finding the Location of the Server, SSL/TLS certificate, Directory Enumeration, WAF Detection, High level vulnerabilities detection using ZAP Api & Server, Report Generation
- **Language** : Python

- **Softwares Used** : Visual Studio Code
- **Platform** : Command Line (Terminal or Command Prompt)

Hacked Websites

- **Bio Carve** – A Seed Selling Website , My Project was successfully hacking Bio Carve's Payment Page – **RazorPay API** (Cracked the Payment as 1Rs which was 17,999 before)
- **Softwares Used** : Burp Suite
- **Platform** : Kali Linux

Health Monitoring System (IoT Project)

- An high level IoT project based on the user's Pulse rate , SpO2, Blood Pressure and send the user or user's desired person a critical message when the Pulse rate , SpO2 , Blood Pressure is low.
- **Language** : C
- **Softwares Used** : Arduino IDE
- **Platform** : Arduino IDE

Metal Detector (Electronics Project)

- Made a frequency-based metal detector using 555 Timer IC
- The project gives a different sound when metal object is near

Hosted websites

- **Gokul-Music** : A music website which can play song , download song and give the description about the song
- **Gokul-Restaurant** : A static Shawarma Restaurant Website
- **Language** : Html, CSS, Java Script
- **Softwares Used** : Visual Studio Code
- **Platform** : Netlify

Singular Value Decomposition (SVD) and Particle Swarm Optimization (PSO)

- A PhD theses project developed for my faculty which is used to convert the image into matrix and decompose it for optimizing the image .
- **Language** : Python
- **Softwares Used** : Visual Studio Code
- **Platform** : Command Line (Terminal or Command Prompt)

ADDITIONAL INFORMATION

- **Communication Skills** – English , Tamil , Hindi , Malayalam , Telugu
- **Interpretation Skills** – Leadership, Team Management, Time Management, Problem Solving
- **Certifications** – C++ (Udemy), C with DSA (Geeks for Geeks)
- **Team Leader** – Final year Project (VulnScan)
- **Team Leader** – IEEE Conference Project Presentation
- **Syllabus Designer** – Designed the 2024-2027 Syllabus for Diploma Computer Engineering in PSG Polytechnic College