

SRIRAM KALYANRAMAN

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Github - <https://github.com/Sriram225/>

VISA - STAMP 1G

Availability – **IMMEDIATE**

PROFILE :

- Computer Science Engineering graduate with Masters in Cyber Security from National College of Ireland
- Certified Ethical Hacker | Issued on June 2019 | ID: ECC7635804912 | Valid till June 2022.
- An year experience as Network Administrator.
- 6 months intern experience as a Full Stack Developer.
- Knowledge on Networking and Cyber Security tools – NMAP, Wireshark.
- Knowledge on fundamental Amazon Web Service Security and completed online certification.
- Experienced working in Web Technologies – PHP, HTML/CSS, JavaScript, ASP DOTNET.
- Knowledge on monitoring and Information gathering using SPLUNK tool and completed online certification.

CERTIFICATION :

Certified Ethical Hacker | CEH | ECC7635804912 | Issued on June 2019 | Valid till June 2022 | EC COUNCIL – CHENNAI, INDIA

Cisco CCNA Security 210-260 (IINS) | UDEMY | Issued on February 2020 | Online Course

SPLUNK FUNDAMENTALS 1 | SPLUNK INC. | Issued on March 2020 | Online Certification

Amazon Web Services (AWS) Security Fundamentals (Second Edition) | AWS | Issued on March 2020 | Online Certification

EXPERIENCE:

Aug 2017 – Aug 2018 | PC Point, Chennai | Network Administrator

- Maintained the network incoming and outgoing traffic(Packet Capturing) using Wireshark and Solarwinds Network Performance Monitor.
- Performed browser cache management in Windows and Linux.
- Maintained the client system and network requirements.
- Detected and Reported Network Intrusion to the L2 administrators.
- Administered the LAN and WAN Operations.
- Network Troubleshooting and diagnostics using Pingtest, Nslookup and Putty.
- Provided basic IT support.

Jan 2017 – Jul 2017 | GyanMatrix Ltd., Bengaluru | Full Stack Developer | Internship

- Selected as a developer in Experienced Fresher Program (EFP).
- Developed Mobile and Web applications.
- Maintained the client system and application requirements.
- Worked on technologies like SQL, PHP, Android Studios.
- Performed Unit and Functional Testing and reports on the developed application.
- Organised Servers and Databases for the application requirements.
- Ensured cross-platform optimization for mobile phones.

EXPERIENCE (PART TIME):

May 2019 – Present | Boojum Ltd. | IFSC, Dublin 1 | Chef/Supervisor

- To ensure that the Kitchen is operated in a smooth and professional manner.
- To treat all staff, customers and service staff with respect.
- To ensure any stock issues are dealt with on delivery with supplier rep and resolved
- To check quality of stock for freshness, weight, use by dates etc.
- Any other duties management deems appropriate from time to time.

EDUCATION :

Sep 2018 – Nov 2019 | National College of Ireland | MSc Cyber Security

Modules: Cryptography, Network Security and Penetration Testing, Research in Computing, Security Fundamentals, Secure Programming for Application Development, Secure Programming for Web and Research Thesis .

Main Project: Double Encryption standard of Cloud File Hierarchy using ECDH Key Exchange and AES | Mar 2019 – Aug 2019 | Academic Thesis Project

This project is done using two encryption methodologies, ECDH (Elliptical Curve Diffie Hellman) Key Exchange and Advance Encryption Standards (AES). A mathematical function is used to generate 16 bit encrypted key which is attached to the file being uploaded on the cloud server or stand-alone server. The file along with the key is encrypted key using AES encryption standard to upload on the server.

Technology: ASP .NET, C#, Visual Studios, Virtual Environment, AESTester

Project: CAFÉ AGAPE | Sep 2018 – Dec 2018 | Secure Web Application

Developed a web application to ensure high security features inscribed to the website and constant prevention from third party attackers. <https://github.com/Sriram225/Website>

Technology: HTML, CSS, PHP, Javascript, Wireshark, Nmap.

Jun 2014 – May 2018 | Sri Ramakrishna Engineering College | BE Computer Science Engineering

Modules: Data Structures and algorithm, Computer Architecture, Database Management Systems, Artificial Intelligence, Computer Networks, Information Storage Management, Distributed Systems, Unix Internals, Cryptography and Network Security.

Final year Project: MAILBOX ALERT SYSTEM | Dec 2018 – Mar 2017 | IOT Based Project

Developed an IoT based project used to detect the letters in the letter box and update the corresponding resident through SMS. <https://github.com/Sriram225/MailboxAlert>

Technology: Arduino, XML.

NETWORKING AND CYBER TOOLS :

- NMAP & ZENMAP
- WireShark
- EtherApe
- Splunk

SCRIPTING LANGUAGES AND OPERATING SYSTEMS :

- HTML&CSS
- PHP
- JavaScript
- SQL
- Operating Systems: Linux, ParrotSec OS, MacOS and Windows Operating System

MEMBERSHIP :

- Permanent member of IAENG (International Association of ENGINEering) – INDIA

VISA :

- Legally permitted to work in Ireland under Stamp 1G visa scheme from November 2019 to November 2020.