Arunesh Kumar

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OBJECTIVE

Seeking an innovative and challenging career in a dynamic organization, which would provide the best opportunities for development and greater responsibilities to contribute towards the goals of both organization and individual.

EDUCATION

SSN College of Engineering, Chennai

Bachelor of Engineering – **Computer Science and Engineering**

Current GPA - **9.30/10**

Completion in **April 2022**

Kokilaben Dhirubhai Ambani Vidyamandir, Jamnagar

Higher Secondary Education – **Percentage: 96.4**

Overall **School 3rd**

Passed Out in **2018**

CERTIFICATIONS

Introduction to Cyber Security & Cyber Attacks, IBM, Coursera

Focused in understanding the basics of cybersecurity and cyberattacks with an overview of all the current tools and essential security concepts.

Blockchain Specialization – University of Buffalo, Coursera

Focused in understanding the types of blockchain network, creation, deployment and current blockchain development tools. Created smart contracts and deployed them in Ethereum blockchain.

Design and Analyze Secure Networked System – University of Colorado, Coursera

Focused on understanding the CIA Triad and how to apply for a use case scenario. Created and performed operations on an AWS instance. Used the instance to create and deploy SSL certificates, verify them using OpenSSL. Secured a web instance from SQL injection.

Web Applications for Everybody – University of Michigan, Coursera

Focused on creating and running web applications using PHP, JQuery and JS. Learnt the usage of PHPMyAdmin page to deploy databases using MYSQL. Using PHP and JQuery to connect to the database.

TECHNICAL SKILLS

Programming Languages: Python, Java, C, Blockchain Development

Web: HTML, CSS, Javascript, PHP, JSON, NodeJS, ReactJS

Databases: SQL, NoSQL

Big Data: Hadoop, Architecture

PROJECTS

Disaster Management Application (IFA Hackathon)   **Dec 2019**
- Developed a disaster management app (android) during the 24 hour IFA hackathon.
- This app enabled to provide all the necessary details required during any natural disaster and provide nearest location of help such as hospitals and police station.

Customized Commuter Management (SSN College IFP)   **Oct 2019 - Present**
- To create a bus management system tailored to SSN Group of college buses/commuter services.
- Using an Arduino GPS System to navigate the commuter routes, times and speed.

Webpage for Hackers Asylum (INVENTE 3.0)   **Sep 2019**
- Developed the decoy website for Hackers Asylum – A CTF organized by SSN during inter college Tech Fest.

ACHIVEMENTS & ADDITIONAL INFORMATION

ACCESS GRANTED 2021 – Cybersecurity Workshop   **March 2021**
Event Organizer: Curated and organized a 1-day cybersecurity workshop virutally. Event consisted of working professionals in cybersecurity explaining about their field.

Infosys Summer of Ideas Blockchain Division, Remote   **Aug –Oct 2020**
Top 4 in Blockchain Division: Idea to use Blockchain decentralized system for educational certifications
Currently in the final 4 for the Blockchain theme of the competition

SSN Lakshya – SYCON 2020, Chennai, TN   **Feb, 2020**
Organizer: Part of organizing committee in SYCON 2020 –A youth conference and the flagship event of SSN Lakshya.

CSI SSN Chapter Lateral Thinking Competition, Chennai, TN   **Aug 2019**
Secured 3rd Position April 2019: Solved logical reasoning questions in round 1 followed by a competitive coding in the final round.

Ford GME Hackathon, Chennai, TN   **April 2019**
Secured 2rd Position: Goal was to create a feedback page for the Employees at FORD GME. That was achieved by creating a webpage which was connected to Microsoft SharePoint as a backend with a very interactive and user friendly interface.