AYUSHI RAKESH SINGH

Professional Summary

Skills Profile

Technical	
Operating System	Microsoft Windows, Linux
Environment	AWS Console, AWS Cloud Shell, Eclipse
Database	MySQL, SQL Server, Oracle
Internet Tools	HTML, CSS, Bootstrap, Visual Studio, Eclipse, Pycharm, Java Script, Github, Jenkins, Docker, Basic Excel
Languages	C, Python, Java, SQL
Other	Web Development, Data Analysis

Functional	
Management and Leadership Skills	Planning, Teamwork, Analysis, Management, Flexibility
Training & Development	Knowledge of Database, Python, Knowledge of Aws, Jenkins, Acing Client Interview, APlus

Professional Experience

HONEYPOT BASED SECURE NETWORK SYSTEM   **June 2020 – May 2021**
Front end and Backend connection also encryption algorithms

- In this project in a group of 4 we made a website where a user can register to a system and can login to it using the credentials
- This project is based on a security mechanism which can help to detect various attacks on a network system
- The user credentials will be first encrypted and will be stored on to the database
- Users can add various files and documents on to the system which will be stored in the database
- The credential is encrypted so that no hackers can access the database
- If the database is hacked the alert will be given to the Users and the system Admin
- HTML, CSS, Bootstrap, Node.js and its modules were used for frontend and backend
- MongoDB was used for database

Environment: HTML, CSS, Node.js, Bootstrap, Express, MongoDB

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BLOOD DONATION MANAGEMENT SYSTEM   **April 2021**
Maintaining Records

- This project was a mini project in a group of 3. It basically contains the records of the donor such as age, contact number, blood group, etc. in a tabular format.

Environment: HTML, CSS, JavaScript

FOOD DELIVERY WEBSITE IN WEB DEVELOPMENT   **March 2021**
Online Food Ordering and Catering

- This project is about a food delivery website that allows a user to view food items, order food online, catering details etc.

Environment: HTML, CSS, BootStrap

PERSONAL PORTFOLIO WEBSITE   **March 2022**
Contains details about me

- This project mainly contains details about me such as number of projects, education, certifications, skills, etc.

Environment: HTML, CSS, BootStrap

                                                                                             Jan 2019 – May 2019
WI-FI CONTROLLED BOT USING NODEMCU
Controlling the motion of the Bot

- Interfacing the Motor Driver board with NodeMCU
- In this project we made a simple bot whose motion will be controlled using Blynk Application from mobile phone
- Both Bot and the application was connected to the same Wi-Fi network
- The code with all the connection is uploaded to NodeMCU

Environment: NodeMCU, Blynk Application

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Training and Seminars

Capgemini AWS Devops Training (Jul 2021- Aug 2021) (Online WFH)

Certifications

- • Certificate of Introduction to Java by Microsoft Technology Associate
- • Certified Developer Associate by Amazon Web Services
- • Certificate of Java Basics by HackerRank
- • Certificate of SQL Basics by HackerRank
- • Certificate of Introduction to HTML, CSS, JavaScript by Coursera

Education

Xavier Institute of Engineering, Mumbai University, (2017-2021)

Mahila Samiti Junior College, HSC, (2016-2017)

Model English School, SSC, (2014-2015)

Publications/Presentations

1. Honeypot Based Secure Network System (IRJET)
2. Detection of Data Breach Using Secure Honeypot System (IRJMETS)