RAJEENTHAN RAJARATNAM

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CYBER SECURITY | FRONTEND | BACKEND | DEVOPS | NETWORKING | HR

I am seeking a job opportunity that leverages my knowledge of computer security while also allowing me to explore frontend, backend, and DevOps roles. I possess demonstrated proficiency in Windows and Linux operating systems, along with a solid understanding of essential security tools such as Antivirus, EDRs, Firewalls, Proxies, and Vulnerability Scanning. Additionally, I am knowledgeable in networking concepts like TCP/IP, subnetting, routing, and encryption algorithms such as DES and AES. My goal is to apply my skills across various domains to enhance security, development, and operational processes. With strong proficiency in English, both written and verbal, and a flexible approach to hybrid work environments, I am enthusiastic about gaining valuable hands-on experience and contributing effectively to a professional setting.

WORK EXPERIENCE

IT Assistant (Part Time) - Sports Complex, District Secretariat, Kilinochchi   2019 - 2023
                                    (Database Management, Data Entry and Managing Accounts)
IT Assistant (Part Time) - Divisional Secretariat, Pallai, Kilinochchi   2020 - 2021
                                    (Database Management, Data Entry)

SOFT SKILLS

- Problem-solving
- Leadership
- Good communication

- Friendly, positive attitude
- Teamwork and collaboration
- Flexible and Adaptable

- Attention to detail
- Time management
- Decision making

PROFESSIONAL SKILLS

- **Programming Languages** - Java (OOP Concepts), C, C++, C#, Python, SQL, PHP, JavaScript, Prolog, Shell Script, Batch Script, Prolog
- **Web Programming Languages** - HTML, CSS
- **Operating Systems** - Windows, Linux
- **Frameworks** - .Net, Front-end (React), Backend (Nodejs, SpringBoot)
- **UI/UX** - AxureRP, Figma, Canva
- **Database** - MySQL, MongoDB
- **Version Control System** - Git, GitHub
- **MS Office Applications** - MS Excel, MS Word, MS Access, MS PowerPoint
- **IDEs** - Sprint Tool Suite, Visual Studio, Code::Blocks
- **Others** - MATLAB, Putty, phpMyAdmin, Postman, Cisco Packet Tracer, Proteus

EDUCATION

Vavuniya Campus of the University of Jaffna, Sri Lanka
Bachelor of Science in Information Technology – 28/06/2021 to 31/08/2024

KN/ Pallai Central College, Kilinochchi
Biological Science - Advanced Level (Bio Science) – 2019

CERTIFICATES

Code Reviver Coding Competition	2022
IEEE YESIST International	2023
Code Sprint Phase - 02 - Coding Competition	2024
Codezpark	2023
Launch Pad Idea Pitching - AISEC University of Sri Jayewardenepura	2023
YouCons - AISEC University of Sri Jayewardenepura	2024

COURSES

Cybersecurity - Cisco Networking Academy
Diploma in English - DMI Institute
Data Analytics Essentials - Cisco Networking Academy
Python Essentials 1 & 2 - Cisco Networking Academy (OpenEDG Python Institute)
Junior Cybersecurity Analyst Career Path - Cisco Networking Academy
Ethical Hacking - Cisco Networking Academy

EXTRA-CURRICULAR ACTIVITIES

First Aid Section Head - Sri Lanka Red Cross, Kilinochchi	2019 - 2021
University Ambassador - UN G17 Sri Lanka	2024 - Present
Young Professional Consultant - IEEE University of Vavuniya	2023 - Present
Marketing Head - AIESEC, University of Vavuniya	2023 - Present
Gavel Club Member - University of Vavuniya	2021 – Present

LANGUAGE COMPETENCIES

Tamil: Native
English: Proficient
Sinhala: Advance Low

PROJECTS

Traveller's World   2023

Aims to enhance travel experiences with personalized itineraries, real-time bookings, and local guides. It streamlines service provider operations, integrates GPS for navigation, and promotes sustainable tourism, transforming modern tourism management and driving industry growth.

Programming Languages: JavaScript, React, MongoDB, NodeJs

Beat Blender   2024

Aims to analyze audio files to predict their genre and generate corresponding playlists. By leveraging advanced machine learning techniques, the app identifies the musical characteristics of the input audio and classifies it into a specific genre, offering users a seamless music discovery experience.

Programming Languages: Expo, React, Firebase, Flask, PyTorch, HuggingFace

Intelli MCQ-App   2024

Aims to generate multiple-choice questions (MCQs) using machine learning and natural language processing (NLP) techniques. MCQs are widely used in educational assessments to evaluate students' understanding of a given topic. By automating the generation of MCQs, educators can save time and effort while ensuring the quality and relevance of the questions.

Programming Languages: Python, Jupyter Notebook, HTML

Plagiarism Hunter   2024

Aims to a crucial task in educational and professional settings. By leveraging machine learning techniques, we can create a robust plagiarism detector that can accurately identify copied content. This blog post walks you through the process of building a plagiarism detector from collecting the dataset to creating a Flask web application for easy use.

Programming Languages: Python, Jupyter Notebook, HTML

CV Insights App   2024

Aims to involves developing a system that can automatically analyse and filter resumes based on predefined criteria. This type of project is often used in HR tech or recruitment solutions and can involve elements of natural language processing (NLP), data extraction, and scoring mechanisms.

Programming Languages: Python, Jupyter Notebook

Diabetes Risk Tool App   2024

Aims to creating a machine learning model to predict diabetes involves developing a system that can analyse patient data and classify whether a person is diabetic or not.

Programming Languages: Python, Jupyter Notebook

Trip Advisor   2025

This app is a travel booking platform designed to help users find affordable travel options around the world. It provides destination search features, travel package comparisons, client testimonials, and an interactive map to plan trips. The platform aims to simplify the travel planning process, offering detailed information and a seamless booking experience.

Programming Languages: ReactJS, TypeScript, HTML

Air Fare Predictor   2025

This project predicts flight ticket prices based on various input features, such as origin, destination, date, and airline. It uses a machine learning model.

Programming Languages: Python, React

REFERENCES

Ms. R. Yasotha
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