EZHILARASAN S

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Objective

A passionate Python, Web, and Software Developer seeking a role to build scalable applications. Skilled in Python, frontend technologies (HTML, CSS, JavaScript, Angular), and .NET, with hands-on experience and a commitment to delivering innovative solutions.

Technical Skills

Programming Languages – Python

Web Development – HTML, CSS, JavaScript, DOM, Angular

Version Control – Git, GitHub (Project Deployment and Website Hosting)

Tools – VS Code, Notepad++, Visual Studio

Database – MYSQL (CRUD operations, Python integration using MySQL Connector)

Education

RVS College of Engineering and Technology, Coimbatore
Bachelor of Engineering in Computer Science and Engineering   (2020 – 2024)

Government Higher Secondary School, Jayankondam
Higher Secondary – Maths Computer   (2019 – 2020)

Internship

Python Development Intern, Gateway Software Solution – Coimbatore   Oct 2022
- Completed training on Python programming fundamentals and data types.
- Gained hands-on experience in writing efficient Python scripts and understanding core programming concepts.
- Explored real-world applications of data types and control structures in Python.

Web Development Intern, Emglitz Technology – Coimbatore   July 2023
- Developed interactive web solutions using HTML, CSS, and JavaScript.
- Worked on designing responsive web pages with optimized layouts.
- Collaborated with the team to enhance frontend usability and performance.

Projects

Security and Privacy for Medical Reports Using Blockchain
- Designed and developed the web interface using HTML, CSS, and JavaScript for a blockchain-powered IoMT healthcare system. Created responsive and user-friendly pages with interactive UI elements, ensuring secure access and improved efficiency.

Personal Portfolio Website
- Designed and developed a fully responsive and animated portfolio using HTML, CSS, and JavaScript.
- Integrated smooth UI animations and a modern layout for better user experience.
- Deployed on Github for seamless online access.

Bus Ticket Booking System (Python)-Mini Project
- Developed a console-based Bus Ticket Booking System in Python with CSV storage for booking details.
- Enabled passenger registration including departure, destination, seat selection, and bus type.
- Generated booking IDs and stored all booking details in a CSV file.
- Allowed ticket display by retrieving passenger information using the booking ID.

Automated Resume Creation Using Python
- Built a Python-based resume generator using Python-docx to create dynamic, professional resumes
- Automated formatting, content structuring, and customization for efficiency and user-friendliness.

Achievements

Final Year Project Selected for State-Level Hackathon
- Selected to present the final year project "Security and Privacy for Medical Reports Using Blockchain" at the Niral Thiruvizha Hackathon – State-Level Grand Final Review, held from June 25 to 28, 2024. Demonstrated innovative use of blockchain technology to enhance healthcare data privacy and security.

Project Presentation at ICICICV'24 International Conference
- Successfully presented the same project under the Healthcare domain at the ICICICV'24 International Conference, highlighting its practical value in secure medical data exchange.

Professional Courses

Python Programming, Accord Info Matrix–Chennai-Little Mount
- Learned Python core concepts: variables, data types, conditional statements, loops, and functions.
- Practiced file handling operations (text and CSV files) and applied exception handling effectively.
- Gained experience in Object-Oriented Programming (OOPs) with classes, objects, inheritance, abstraction, Polymorphism, and encapsulation.
- Built real-time logical programs to enhance problem-solving skills.
- Explored modules, regular expressions, and multithreading for advanced scripting tasks.
- Worked with modules and packages to organize and reuse code efficiently.

Web Development, Accord Info Matrix–Chennai-Little Mount
- Developed structured web pages using HTML and styled them with CSS.
- Implemented interactivity using JavaScript: form validation, DOM manipulation, and animations.
- Gained real-time experience with tools like VS Code for coding, GitHub for source control and deployment.
- Built mini-projects that integrated HTML, CSS, and JavaScript into cohesive UI experiences.

Certificates

- **Python & Web Development** – Accord Info Matrix, Chennai-Little Mount
- **Full Stack Development** – RVS Skill Development Center
- **Leadership Summit** – ICT Academy of Tamil Nadu
- **Full Stack Development with Python** – GUVI
- **ICICICV'24 Project Conference Certification** – Presented the project "Security and Privacy for Medical Reports Using Blockchain" under Healthcare domain.