Ravi Chudgar

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PROFILE

Graduated from University of East London with a master's degree in Computer Science, skilled in Java, Python, c++, web development, c#, and Asp.net, a passion for working in the IT sector. Seeking opportunities to leverage my skills and contribute to innovative projects in an international company.

SKILLS

- Communication
- JAVA
- Python
- ASP.NET
- C#
- IoT
- Big Data
- Cloud Computing
- Azure Cloud
- AWS Cloud
- Artificial Intelligence
- Machine Learning
- Machine Vision
- Linux
- Cyber Security
- MATLAB
- MySQL
- HTML
- JavaScript
- PHP
- jQuery
- Cryptography
- Raspberry PI
- SOC
- Bash Scripting
- OWASP
- Team Management
- API
- Data Integration

WORK EXPERINCE

WEB BURNER INDIA   March 2018-September 2022
Surat, Gujarat, India.

- Developed dozens of e-commerce and professional websites using WordPress for corporate clients.
- Understanding businesses and providing effective digital services as per meeting requirements trends and deadlines.
- Admin cost negotiating pricing and fees, while ensuring the continuation and enhancements of services.
- Implemented a database optimization strategy that increased the website's search speed by 25%.
- Developed and maintained RESTful APIs that increased the number of property listings by 25%.
- Collaborated with the front-end team to improve the user experience, resulting in a 20% increase in website traffic.

EDUCATION

Master of Science in Computer Science   September 2023
University of East London, London, UK

Master of Computer Application   April 2023
JECRC, Jaipur, Rajasthan, India.

CERTIFICATES

- MATLAB Certified:
    - MATLABs Onramp
    - Machine Learning Onramp
    - Deep Learning Onramp
    - Image Processing Onramp
- AWS Academy Graduate: AWS Academy Cloud Foundations   February 2023 – June 2023
- MAT Introduction to Programming Using JavaScript   September 2018

ACCOMPLISHMENT

- Top 8% On TryHackMe
- Advance Python Program   January 2023
- Learning Data Analytics: 1 Foundations   December 2023
- Data Cleaning in Python Essential Training (2021)   September 2022
- Penetration Testing Web Apps with Kali and Burp Suite   August 2023
- IT Security: Key Policies and Resources   August 2023

PROJECTS

1. **Secure Communication Channel Using the Raspberry Pi. Sept/2023**
    - Skill: Raspberry Pi, AES Algorithm, Cryptography, Internet Of Things
    - Provided a way to verify the integrity of the messages.
    - Developed in the Python language, and Raspberry Pi used as a platform to
    - send encrypted messages

2. **CCTV Using IoT**   **June/2021 - Jan/2022**
    - Skill: Arm PI, ESP32 CAM, Telegram
    - Automatically captured the photo, while sending a notification on Telegram.
    - Built a surveillance system for remote monitoring using ESP32 CAM.

3. **MCQ System Using PHP**   **Jan/2021 - June/2021**
    - Skill: PHP, CSS, HTML, JavaScript
    - Multiple-choice exam generation algorithm that displayed post-exam result notifications on the student portal.

4. **Home Automation System**   **June/2019 - June/2020**
    - Skill: Python, Node MCU, MqTT Protocol, Flutter
    - Built a home automation system that integrated with multiple household appliances, such as a TV, fan, and AC, via a smartphone.

5. **Examination System Using ASP.NET**   **June/2015 - May/2016**
    - Skill: c#, Asp.net, MySQL
    - Online examination system using c# where MySQL was used for the backend

LANGUAGES

English, Hindi and Gujarati
Fluent in above mentioned languages