



Jay Suratwala

Student

Highly adaptable and efficient team player with exceptional grasping ability, eager to learn and grow, and committed to achieving team and individual success. Proven ability to quickly understand complex concepts, adapt to new challenges, and work independently and collaboratively to achieve goals. Expertise in cloud deployment architecture and security, with a demonstrated ability to identify and remediate critical vulnerabilities.



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SKILLS

Software Development

Web Development

Algorithms

Python

PHP

HTML & CSS

Java

JavaScript

Video Editing

Flutter

LANGUAGES

Marathi

Professional Working Proficiency

Gujarati

Limited Working Proficiency

Hindi

Full Professional Proficiency

English

Full Professional Proficiency

INTERESTS

Football

EDUCATION

Bachelor of Computer Application

Symbiosis Institute of Computer Studies and Research

09/2021 - 07/2024

Pune, India.

Courses

- Software Engineering Practices
- Advance Python
- Data Structures and Algorithms
- Web Development

Commerce

Haribhai V. Desai College of Commerce, Arts and Science

07/2019 - 03/2021

Pune, India

Courses

- Accounting
- Organisation of Commerce and Management
- Mathematics
- Information technology

PERSONAL PROJECTS

AuthConnect

- I developed a project using cookie manipulation to authenticate users. My responsibilities included creating SRS and Design documents, and building the prototype's frontend and backend using PHP. The SRS defined project requirements, while the Design document covered system architecture, UI design, security, performance, and API integration.

Azure Virtual Machine

- Successfully deployed a vulnerable website on a VM's localhost hosted on Azure cloud services. Identified two critical vulnerabilities in the website: cross-site scripting and hardcore credentials.

Authentication Webpage (01/2023 - 03/2023)

- The algorithm for securely storing user credentials in a database uses encryption and hashing. User data is transformed using a Caesar Cipher and then encrypted with a key-based encryption algorithm. The resulting cipher text is then passed through a hash function to ensure data integrity and security. This method ensure user data privacy and security, even if an attacker gains unauthorised access to the database.

WORK EXPERIENCE

Video Editing Head

Youth India Foundation

04/2022 - 07/2022

Maharashtra, India.

Youth India foundation is a social entrepreneurship platform.

Achievements/Tasks

- I gained experience managing a team and enhancing organization's social media presence during this time and also learned how to complete a task on a larger scale.
- Edited multiple promotional videos which had 5000+ views.
- After completing my tenure as an intern I was promoted to the State level Head post.

Information Technology Intern

CoreFinXperts Global Technology Pvt .Ltd

01/2024 - Present

Pune, India

Current working as a Developer. Successfully completed 2 web development projects and deployed them, also added responsiveness to both the websites.