Rochit Madamanchi

Web Security Researcher

I am a dedicated software developer with a passion for creating efficient, secure and innovative solutions.

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EDUCATION

B.Tech in Computer Science and Engineering

Amrita Vishwa Vidyapeetham, Bengaluru

07/2023 - Present

Courses

- I am currently pursuing my B.Tech degree, where I have gained extensive technical knowledge, particularly through the elite cybersecurity club. This experience has been instrumental in shaping my skills and identity as a cybersecurity professional.

WORK EXPERIENCE

Web Security Researcher

Team bi0s

11/2023 - Present   *Bengaluru, Karnataka*

bi0s, founded in 2007 at Amrita Vishwa Vidyapeetham, India, pioneers in CTFs and cyber-security research, leading in InCTF and CTFTime rankings.

Achievements/Tasks

- As a member of CTF team bi0s, I have embarked on a journey into web exploitation, delving deeply into topics such as securing PHP websites and mitigating SQL injection (SQLi) and cross-site scripting (XSS) attacks.
- I am currently expanding my expertise to encompass server-side request forgery (SSRF) attacks.
- A plethora of knowledge awaits exploration beyond these areas.

Jr. Executive & Back End Web Developer

F.A.C.E, Bengaluru, Karnataka

09/2023 - Present

FACE is the leading technical club at Amrita Vishwa Vidyapeetham, Bengaluru, fostering a community passionate about technology and innovation.

Achievements/Tasks

- Within the realm of the F.A.C.E club, I assume responsibility for the intricate domain of backend web development.
- I oversee projects that encompass a spectrum of web applications.
- My role entails not only the execution of these projects but also their meticulous management to ensure seamless functionality and optimal performance.

SKILLS

Cybersecurity   Threat Analysis

Microsoft Azure and Google cloud web hosting

Computational Programming Skills   Communication

Team Management   SQLi Attacks   XSS Attacks

Securing PHP Websites   DBM   Python

Core Java   HTML, CSS, JS

PERSONAL PROJECTS

Token Management System
- A web application developed using PHP, MySQL, HTML, CSS, and JavaScript.

Daily Progress Update Monitoring System
- A web application built with PHP, MySQL, HTML, CSS, and JavaScript.

Personal Portfolio Website
- Developed to showcase my skills and projects, highlighting my capabilities in web design and development.

CERTIFICATES

Cybersecurity Foundations (04/2024 - 05/2020)
*I hold a certification in **Cybersecurity Foundations** from LinkedIn.*

Google Cloud Computing and Generative AI
 (10/2023 - 12/2023)
*I have earned certifications in **Google Cloud Computing and Generative AI** from Google Cloud Platform.*

LANGUAGES

English
Native or Bilingual Proficiency

Telugu
Full Professional Proficiency

Kannada
Full Professional Proficiency

Hindi
Professional Working Proficiency

INTERESTS

Playing badminton, cricket, and basketball; Photography

Cooking gourmet meals; Engaging in regular workout sessions during free time