

Rochit Madamanchi

Web Security Researcher

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

WORK EXPERIENCE

Web Security Researcher Caff3in3-DB

10/2024 - Present

Caff3in3-DB is a cybersecurity CTF team focused on cryptography, reverse engineering, and web security, fostering skill development and support.

Achievements/Tasks

- Focusing on web exploitation by participating in CTFs with the team and mastering relevant concepts.

Treasurer NSDC ASEB

07/2024 - Present

The National Student Data Corps (NSDC) is a community initiative that provides resources for students to learn data science, focusing on underserved institutions and communities.

Achievements/Tasks

- As the treasurer of NSDC, I manage the club's finances and oversee events, while also expanding my knowledge in data science.

Web Security Researcher Team bi0s

11/2023 - 10/2024

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.

Jr. Executive & Back End Web Developer F.A.C.E, Bengaluru, Karnataka

09/2023 - 10/2024

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 Problem Solving

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; Engaging in regular workout sessions during
free time