

# Sheldon Menezes

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## EDUCATION

- **St. Joseph Engineering College** Mangaluru, India  
*Bachelor of Engineering - Computer Science and Engineering; GPA: 8.54* December 2022 - June 2026  
*Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

## SKILLS SUMMARY

- **Languages:** Python, C, JAVA, SQL, Bash, Astro JS, Tailwind CSS
- **Skills:** Programming, Web Development, Web Penetration Testing, Cryptography, Steganography
- **Tools:** GIT, MySQL, SQLite
- **Platforms:** Linux, Web, Windows, Wordpress, Adobe Indesign, Figma
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management, Hard Working

## EXPERIENCE

- **Bugcrowd** Remote  
*Security Researcher (Part-time)* August 2024 - Present
  - **Vulnerability Identification:** Identified a vulnerability on the NASA VDP website, leading to improved security measures.
  - **Vulnerability Mitigation:** Helped NASA in mitigation of the vulnerability
- **Wikimedia Foundation** Remote  
*Security Researcher (Part-time)* September 2022 - October 2022
  - **Vulnerability Identification:** Found XSS in MediaWiki Core affecting all the parameters in the Wikipedia Website.
  - **Vulnerability Mitigation:** Reported the vulnerability to Security team and received appreciation and was inducted in the Security Hall of Fame

## PROJECTS

- **Guardian-Eye (OpenCV, Raspberry PI 4, IoT, Application Security, Flask):** (Completed)
  - **AI Detection:** Utilizes AI to identify individuals and unlock the door automatically if a recognized person is detected.
  - **Manual Control:** Allows manual door unlocking through a web application if the person is not recognized.
  - **IoT Based:** Web application developed using Flask, which communicates with PI to control the door mechanism over a network.
  - **Cyber Security:** Implements cybersecurity features to ensure secure access control.
  - **Accuracy:** Achieves approximately 75% efficiency in accurate identification and unlocking.
- **Sleuth AI (React JS, OpenAI API, OSINT Industries API):** (Completed)
  - **OSINT-Based Search:** Leverages OSINT Industries API to gather and analyze information using email or phone numbers.
  - **AI-Driven Reporting:** Automates report generation with OpenAI API, providing comprehensive insights and analysis.
  - **React Application:** Built using React for a responsive and user-friendly interface, enhancing overall UX.
  - **Efficiency:** Streamlined data collection and report generation, optimizing investigative workflows.
  - **Hackathon Success:** Earned First Runner-Up at CIDECODE Hackathon for innovation and functionality.

## LICENSE AND CERTIFICATION

- Great Appsec Hackathon - August, 2024
- OWASP Top 10 - May, 2024
- Introduction to IT & Cybersecurity - January, 2023

## OTHER CO-CURRICULAR ACTIVITIES

- **State Level Philately Karnapex:** India
  - **Representation:** Represented St. Aloysius High School at the State Level Philately Exhibition held in Bengaluru.
  - **Achievement:** Secured a Diploma in the "Great Personalities of India" category.
- **NCC Naval Cadet:** India
  - **Camp Participation::** Attended a 10-day NCC Naval camp organized at Alva's College, Mangalore.
  - **Community Service::** Participated in various community service projects and discipline training as part of the camp activities.