Abhijith A

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Education

Sahyadri College of Engineering and Management	**2021-2025 Present**

Bachelor of Engineering in Computer Science and Engineering

B.E.M Higher Secondary School, Kasargod, India	**2019-2021**

Class XII/Pre-University Education(PCMB)

Chinmaya Vidyalaya,Vidyanagar, Kasargod, India	**2019**

Class X

Experience

- **Centre of Excellence Digital Forensics intelligence and Cyber Security**   October 2023-November 2023
  Student Intern

  - Developed USB Rubber Ducky for Centre of Excellence Digital Forensics intelligence and Cyber Security during the Innoventure internship Program
  - Actively engaged in project meeting to address challenges and refine **teamwork and coordination**

Projects

- **Gym Management System**

  Developed a Gym management system for managing memberships,scheduling clases,and tracking member progess.

  - Tools and technologies used: Java, MySQL, Apache NetBeans
  - Buil Implemented a robust management system with optimized classes scheduling and real-time analytics, enhancing operational efficiency and member satisfaction

- **Multiple Face Detection and Recognition**

  Developed a multiple face detection and recognition system designed to address the challenges associated with identifying and tracking multiple faces in diverse environment

  - Tools and technologies used: Python, VScode, Thonny, Github Desktop
  - build a system which offers a versatile solutions for various security applications,including access control,public surveillance and attendance monitoring.

- **USB Rubber Ducky**

  Develop a USB Rubber Ducky's keystroke injection capabilities through the Raspberry Pi Pico to simulate real-world scenarios.

  - Tools and technologies used: Raspberry Pi Pico, Python, Wireshark, Nmap, Thonny, Arduino, Git.
  - Build a powerful blend of hardware and scripting capabilities to simulate key security scenarios, by emulating keyboard inputs.

Technical Skills and Interests

Languages: C, Python, Java, HTML, CSS, JavaScript
Developer Tools: Visual Studio Code, Apache NetBeans, Git, Eclipse, Thonny, Arduino
Frameworks: React.js, Node.js, Linux
Databases: MySQL, MongoDB
Soft Skills: Problem-solving, Team collaboration, Time management, Effective communication

Certificate

- **Introduction to Artificial Intelligence:** Infosys Springboard
- **Database and SQL:** Infosys Springboard

Achievements / Positions of Responsibility

- **Member of National Service Scheme (NSS), SCEM**