Aswin Vibushan A

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Portfolio : https://struvi.github.io/Portfolio/av.html

Objective

Motivated **BSc Computer Science** student with a strong foundation in software development, cybersecurity, cloud computing, and automation. Passionate about solving real-world problems through technology and eager to contribute to innovative projects in IT and software development.

Education

B.Sc. Computer Science
Bharathiyar University 2022-2025

Relevant Coursework: Data Structures & Algorithms, Web Development, Cybersecurity, Database Management Systems, Object-Oriented Programming, Cloud Computing, Operating Systems

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Technical Skills

- **Programming Languages:** Java, Python, JavaScript, C++

- **Web Development:** HTML, CSS, React.js, Node.js, Firebase

- **Cybersecurity:** Steganography, Cryptography, Network Security

- **Databases:** MySQL, MongoDB, Firebase Realtime Database

- **Cloud Services:** Oracle Cloud, AWS, Google Cloud, ServiceNow

- **Automation & RPA:** UiPath (Robotic Process Automation)

- **Tools & Platforms:** Git/GitHub, VS Code, Postman, Docker

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Projects

1. Full-Stack Blogging Website

- Developed and hosted a dynamic blogging platform enabling users to create, edit, and delete posts.

- **Technologies:** HTML, CSS, JavaScript, Node.js, Firebase

- **Features:**

    o **User Authentication:** Implemented secure sign-up and login functionalities.

    o **Real-Time Database:** Utilized Firebase Firestore for efficient data storage and retrieval.

    o **Responsive Design:** Ensured compatibility across various devices and screen sizes.

- **Repository:** [FullStack-Project](#)

2. Cybersecurity Project: Secure Data Hiding Using Steganography

- Researched and implemented an **image steganography technique** to securely hide confidential data within images.

- Applied cryptographic methods to enhance security and prevent unauthorized data extraction.

- Part of the **AICTE B4 Cybersecurity Internship (Edunet Foundation, Jan 2025 - Present)**.

3. Inventory Management System (IMS)

- Built an **inventory management system** in **Python** for tracking stock levels and transactions.

- Designed an interactive UI and integrated database functionality.

- [GitHub Repository](#)

4. Weather Prediction Application (WeatherPred)

- Created a weather prediction application with API integration.

- [GitHub Repository](#)

5. Platformer Game Development

- Developed a **platformer game** showcasing **game mechanics and physics**. •

- [GitHub Repository](#)

Internships & Work Experience

Cybersecurity Intern
Edunet Foundation | AICTE B4 Cybersecurity Internship | Jan 2025 - Present

- Working on a project focused on **Secure Data Hiding Using Steganography**.

- Learning network security, cryptographic principles, and ethical hacking techniques.

Software Development Intern
[Company Name] | [Duration]

- Assisted in **developing and testing web applications** using **JavaScript and Firebase**.

- Worked on **API integrations** and database management.

Freelance Web Developer
[Freelance Platforms or Personal Clients] | [Duration]

- Designed and developed responsive websites for **local businesses and startups**.

- Used technologies like **HTML, CSS, JavaScript, and Firebase**.

Certifications

- **Oracle Cloud Infrastructure Foundations Associate (2023)**

- **Artificial Intelligence Course (Skolar) - 2 months, completed on 28 Feb 2023**

- **Robotic Process Automation Foundation Course (UiPath, Naan Mudhalvan) - Completed Sep 2024**

- **ServiceNow Course (Certification pending until semester end)**

Soft Skills

- Problem-Solving

- Team Collaboration

- Adaptability & Quick Learning

- Attention to Detail