

Achuth B

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Professional Summary:

Computer Science undergraduate specializing in Cybersecurity and Digital Forensics with a passion for developing secure and scalable tech solutions. Skilled in Java, Flutter, MERN stack, and secure coding practices. Successfully led projects like Cypics, a real-time emergency response app, and Agriguard, an AI-powered agricultural rover. Combines technical knowledge with hands-on experience in ethical hacking, app development, and threat detection to contribute to secure and innovative digital systems.

Technical Skills:

- **Programming Languages:** Java, JavaScript, HTML, CSS, Flutter, Python
- **Frontend :** React.js, Tailwind CSS, Bootstrap, Antd
- **Backend :** Node.js, Express.js
- **Database Management:** MySQL, MongoDB
- **Development Tools:** Visual Studio, Android Studio, AWS, SQL
- **Collaboration Tools:** Zoom, Teams, Microsoft Office 365, Git

Achievements

- **Certified Ethical Hacker (CEH) – EC-Council**
 - Demonstrated expertise in ethical hacking, penetration testing, and cybersecurity best practices.
- **Steganography & Cryptography Project**
 - Integrated cryptographic algorithms with steganographic encoding, fortifying system defenses and amplifying resistance to sophisticated cyberattacks by a range of 50x compared to single-method approaches.
 - Technologies Used: Python, Image Processing, Cryptography
 - GitHub: [Achuz123/Steganography](#)
- **Agriguard Rover – AI-Powered Agricultural Rover**
 - Trained an AI model using DenseNet-121, achieving 95% accuracy in plant disease detection.
 - Technologies Used: Python, TensorFlow, OpenCV
 - GitHub: [Achuz123/Agriguard](#)
- **Internship – FactSome TV**
 - Developed teamwork, leadership, and HR skills while managing recruitment and team coordination.

- **Cypics – Centralized Emergency Reporting App**

- Built a real-time emergency response system using Firebase and mobile app development.
- Technologies Used: Flutter, Firebase, Google Maps API
- GitHub: [Achuz123/Cypics](https://github.com/Achuz123/Cypics)

Education:

- Bachelor of Technology in Computer Science Engineering Specializing in Cyber Security and Digital Forensics
| VIT Bhopal University | 2022–2026
- L'ecole Chempaka High School | Completed in 2022

Certificates

- **Certified Ethical Hacker (CEH v12)** – EC-Council (Issued Dec 2024)
- **Ethical Hacking Essentials (EHE)** – EC-Council (Issued Dec 2024)
- **Security Operations Center (SOC)** – Cisco (Issued Oct 2024)
- **Threat Response** – Cisco (Issued Sep 2024)
- **Getting Started with Flutter Development** – Google Cloud Security (Issued Jun 2024)
- **The Bits and Bytes of Computer Networking** – Google (Issued Dec 2023)
- **Computer Hardware, Operating System, and Networking** – Udemy (Issued Nov 2023)
- **Foundations of Cyber-Physical Systems** – NPTEL (Issued Jan 2023)
- **Introduction to Web Design and Development** – LinkedIn Learning (Issued Oct 2022)
- **Simulink Onramp** – MATLAB (Issued Oct 2022)
- **MATLAB Onramp** – MATLAB (Issued Sep 2022)