

# 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, TypeScript, HTML5, CSS3, Flutter, Python

**Frontend:** React.js, Tailwind CSS, Bootstrap, Ant Design, Responsive Design

**Backend:** Node.js, Express.js, Django, RESTful APIs, MVC Architecture

**Database Management:** MongoDB, MySQL, Firebase

**Development Tools:** Git, GitHub, Postman, Docker, Jenkins, Visual Studio Code, Android Studio

**Cloud & DevOps:** AWS (Amazon Web Services), CI/CD pipelines

**Practices & Methodologies:** Agile Methodology, Secure Coding Practices, Version Control

## **EXPERIENCE**

### **FactsomeTv**

Human Resource

November 2022 - May 2023

- Developed and implemented HR policies and procedures to streamline recruitment and onboarding processes, enhancing organizational efficiency.
- Coordinated employee engagement initiatives, contributing to a positive work environment and improved team collaboration

### **BLUESTOCK**

SDE Intern

May 2025

- Engineered scalable REST APIs using Django and Django REST Framework to fetch and deliver IPO data including price band, issue size, and listing dates.
- Integrated backend modules to support document retrieval for RHP and DRHP PDFs, enhancing user access to official IPO documents.
- Collaborated with a multi-role development team using Git and Notion for agile task management, contributing to a production-grade IPO web application.

## **PERSONAL PROJECTS**

- **Steganography & Cryptography Project**
  - Integrated cryptographic algorithms with steganographic encoding to enhance system security.
  - Achieved a 50x increase in resistance to advanced cyberattacks 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](#)
- **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](#)

## **EDUCATION:**

**VIT Bhopal University**

2022–2026

Bachelor of Technology in Computer Science Engineering Specializing in Cyber Security and Digital Forensics

**L'ecole Chempaka High School**

Completed in 2022

## **CERTIFICATES**

- **Certified Ethical Hacker (CEH v12)** – EC-Council (Issued Dec 2024)
- **MERN Full Stack Internship Program**- Ethnus (Issued Sep 2025)
- **Cyber Security Analyst** - IBM (Issued Sep 2025)
- **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)
- **Simulink Onramp** – MATLAB (Issued Oct 2022)
- **MATLAB Onramp** – MATLAB (Issued Sep 2022)