

# Achuth B

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## Education

### VIT Bhopal University

2022 – 2026

B.Tech in Computer Science Engineering (Cyber Security and Digital Forensics)

CGPA: 8.8

### L'ecole Chempaka High School

Completed in 2022

ISC (Class 12): 89.25%, ICSE (Class 10): 95%

## Experience

### SDE Intern, Bluestock Fintech

May 2025 – July 2025

- Developed and deployed **RESTful APIs** using **Node.js** and **Express.js** for IPO data delivery from **MongoDB**, supporting dynamic access to price bands, issue sizes, and listing dates.
- Implemented secure download workflows for company PDF documents (RHP/DRHP), ensuring encrypted file transfer and access control.
- Collaborated in an **Agile team environment** of 5 members using Git and GitHub for version control and release cycles.

## Projects

### Agriguard Rover – AI-Powered Agricultural Rover

Achuz123/Agriguard

- Trained a **DenseNet-121** model with **95% accuracy** for plant disease detection using real-world datasets.
- Evaluated **4 AI models** and integrated the best-performing one with a live rover camera for real-time plant health monitoring.
- Tech Stack:** Python, TensorFlow, OpenCV, SolidWorks

### Screenly – Online Movie Ticket Booking Platform

screenly.netlify.app

- Developed a secure web platform for browsing movies, selecting shows, booking seats, and making payments online.
- Implemented role-based access with **JWT authentication** and protected routes for admins and users.
- Integrated secure payments using **Stripe Payment Intents API**.
- Tech Stack:** React.js, Express.js, MongoDB, Tailwind CSS, Stripe, Render

## Skills & Certifications

**Technical Skills:** Python, JavaScript, Java, Bash, HTML, CSS, Git, Linux, Networking Fundamentals

**Area of Expertise:** Cyber Security, Full-Stack Development, DevOps, CI/CD

**Tools & Frameworks:** Wireshark, Nmap, Burp Suite, Metasploit, Docker, Jenkins, Ansible, MongoDB, AWS (EC2, S3, IAM), React.js, Express.js, REST APIs

**Certifications:** CEH v12 (EC-Council), IBM Cybersecurity Analyst, MERN Stack Developer (Ethnus)

## Co-Curricular Activities

- Placed in the **top 10% of participants** in *Immersion*, a competitive software engineering program conducted by the university.
- Participated in multiple national-level hackathons**, focusing on real-world problem-solving, innovation, and cross-functional teamwork.
- Maintained a **100+ day coding streak** on LeetCode and GeeksforGeeks, solving over **200+ problems** and strengthening skills in data structures and algorithms.

## Extra-Curricular Activities

- Active core member of the MUN and Cyber Warriors Clubs, contributing to event organization and community engagement.
- Volunteered at the TCS Placement Drive, handling logistics and communication with candidates and organizers.
- Served as **Head Boy** at L'ecole Chempaka High School, acting as the liaison between students and faculty.
- Languages:** Fluent in English, Malayalam, and Hindi.
- Hobbies:** Photography, playing badminton and football, exploring tech gadgets, and PC gaming.