

# Achuth B

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## Education

**VIT Bhopal University** – B.Tech in Computer Science Engineering, Specializing in Cyber Security and Digital Forensics 2022 – 2026

CGPA: 8.77

**L'ecole Chempaka High School** Completed in 2022

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

## Experience

**SDE Intern, BLUESTOCK** 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 for agile task management, contributing to a production-grade IPO web application.

## Projects

**Agriguard Rover – AI-Powered Agricultural Rover** Achuz123/Agriguard

- Trained an AI model using DenseNet-121, achieving 95% accuracy in plant disease detection.
- Implemented multiple AI models for plant disease detection and pest identification, and designed a 3D CAD model of the rover to simulate navigation and optimize field coverage.
- Technologies Used: Python, TensorFlow, OpenCV, SolidWorks

**Screenly – Movie Ticket Booking Web App** screenly.netlify.app

- Developed a full-stack movie ticket booking app with user and admin dashboards.
- Users can book seats and tickets; admins manage movies, theatres, shows, and bookings.
- Technologies Used: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Ant Design, Redux, JWT

## Skills & Certifications

**Technical Skills:** Java, JavaScript, React.js, Git, HTML, CSS

**Area of Expertise:** Software Development, MERN Stack, DevOps, Cyber Security

**Tools & Frameworks:** MongoDB, AWS, RESTful APIs, Tailwind CSS

**Certifications:** CEH v12 (EC-Council), MERN Full Stack (Ethnus), Cyber Security Analyst (IBM)

## Co-Curricular Activities

- Placed in the top 10% in *Immersion*, a competitive program conducted by the university.
- Participated in multiple hackathons emphasizing real-world problem-solving, innovation, and teamwork.
- Maintained 100+ day coding streaks on both LeetCode and GeeksforGeeks, solving 200+ problems and reinforcing consistent practice in data structures and algorithms.

## Extra-Curricular Activities

- Active core member of the MUN and Malayalam Clubs, contributing to event organization and community engagement.
- Supported the TCS Placement Drive as a coordinator, managing logistics and communication between candidates and organizers.
- Languages:** Fluent in English, Malayalam, and Hindi.
- Hobbies:** Photography, sports, and gaming.