

Achuth B

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Education

VIT Bhopal University 2022 – 2026
B.Tech in Computer Science Engineering (Cyber Security and Digital Forensics)
CGPA: 8.77

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 **REST APIs** using **Node.js** and **Express.js** to deliver IPO-related data including price band, issue size, and listing dates from a MongoDB database.
- **Integrated backend functionality** to support secure downloading of RHP and DRHP PDF documents for listed companies.
- **Collaborated within a 5-member agile team** using Git and GitHub for version control, contributing to a scalable, production-grade IPO web application.

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** for disease and pest detection, integrating the best-performing one with a live rover camera for real-time analysis and reporting.
- **Tech Stack:** Python, TensorFlow, OpenCV, SolidWorks

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

- Built a responsive frontend using React.js, Tailwind CSS, Ant Design, and Redux for state management, enabling seamless user and admin interactions.
- Developed a secure backend with Node.js, Express.js, MongoDB, and JWT, for seat booking and theatre management.
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Ant Design, Redux, JWT

Skills & Certifications

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

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

Tools & Frameworks: MongoDB, AWS, RESTful APIs, Tailwind CSS, Redux, JWT, Postman

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

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 Malayalam 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, leading student initiatives, organizing events, and 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.