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 — `screeenly.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, Kali Linux CLI Tools 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

- Contributed to multiple open-source projects on GitHub, demonstrating collaboration and problem-solving skills in a real-world development environment.
- Placed in the **top 10% of participants** in *Immersion*, a competitive software engineering exam.
- **Participated in multiple national-level hackathons**, focusing on real-world problem-solving and innovation.
- Maintained a **100+ day coding streak** on LeetCode and GeeksforGeeks, solving over **200+ problems** 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.