

Charush Jain

Portfolio: <https://charushj.github.io/portfolio/>
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EDUCATION

- Vellore Institute of Technology** Bhopal , India
Bachelor of Technology - Cyber Security and Digital Forensics; GPA: 8 *August 2021 - Ongoing*
Courses: Operating Systems, Data Structures, Machine Learning, Networking, Databases, Advance Cyber Security

SKILLS SUMMARY

- Languages:** Python, SQL, C++
- Protocols:** NIST Framework, OWASP top 10, TCP/IP
- Tools:** PowerBI, MySQL,
- Technologies:** AWS(VPC and IAM) , Data Analytics(Google Analytics)
- Certifications:** Certified Appsec Practitioner by The SecOps Group, AWS Cloud Solutions Architect- Associate, Data Analytics By Cisco

EXPERIENCE

- TCB Securities** Remote
Secure Code Review (Full-time) *March 2024 - May 2025*
 - Course Optimization and Training:** :
 - Learned source code review :** learned OWASP Top 10 Vulnerabilities and enhanced and worked on securing the code and testing.
 - Threat analysis :** Analysed Vulnerability and Threat Mitigation implementing NISRT Framework.

PROJECTS

- Face recognition Attendance system (Python Libraries- OpenCV, Panda, Numpy):** Developed an AI-based attendance system and enabled automated facial recognition to mark attendance in schools and workplaces. Designed an interactive GUI for user support and real-time error handling. Tech: Python, GUI, MS Excel, OpenCV
- TICKLUS(Smart India Hackathon Solution) (Android Application):** Built a QR-based travel booking app. Integrated payment gateway for seamless transactions. Reduced queue times at ticket counters by 30% by real-time ticket generation. Tech: Kotlin, Google Firebase, Figma, Razorpay Gateway
- Credit Card Financial Dashboard Using Power BI:** Build a QR-based travel booking app and integrated payment gateway for seamless transactions. Reduced queue times at ticket counters by 30% by real-time ticket generation. Tech: Kotlin, Google Firebase, Figma, Razorpay Gateway

HONORS AND AWARDS

- Awarded top 5 Position for CTFs conducted by College Authorities and Clubs - March, 2024
- Governor Award for service to Bharat Scouts and Guides, Rajasthan by Lt. Governor Kalyan Singh

VOLUNTEER EXPERIENCE

- Vice President at BitByBit Club** Bhopal, India
Conducted online and offline technical & soft-skills Workshops for 1000+ students. *Aug 2023 - April 2024*
- Event Registration Lead at adVITYa, Bhopal** Bhopal, India
Organized events and handled 100+ event organisers, handling registrations of 15,000 students from Cnt *Feb 2024*