Charush Jain

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Education

Vellore Institute of Technology <div style="text-align:right">Sehore,M.P</div>
Bachelor of Technology in Computer Science and Engineering <div style="text-align:right">*July 2025*</div>

Work Experience

TCB Securities *(Cyber firm)* <div style="text-align:right">Ahmedabad, Gujrat</div>
Cyber Security Trainer <div style="text-align:right">*April 2024 - June 2024*</div>
- 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 NIST Framework

Technical Skills

Languages and Libraries: C, C++, Python, SQL,Postman,Git/Github
Technologies: AWS(VPC and IAM) , Data Analytics(Google Analytics)
Protocols: NIST Framework, OWASP top 10, TCP/IP
Tools: Figma, Adobe XD, Flutter Flow, Kali Linux, Power BI

Projects

Face Recognition Attendance system (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 and Real time data updation.
- 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
- Developed an interactive dashboard using transaction and customer data from a SQL database, to provide real-time insights.
- Streamlined data processing & analysis to monitor key performance metrics and trends
- Shared actionable insights with stakeholders based on dashboard findings to support decision-making processes

Leadership & Activities

BitByBit Club, VIT Bhopal <div style="text-align:right">Sehore,MP</div>
Vice President <div style="text-align:right">*August 2023 – April 2024*</div>
- Conducted online and offline technical & soft-skills Workshops for 1000+ students.
- Initiated a Participation in a system where Voting was used in digital surveys, leading to a 60% increase in unique and well planned Tech Workshops in Blockchain, Cyber Security and all other emerging technologies.

adVITya 2024 VIT Bhopal <div style="text-align:right">Sehore,MP</div>
Event Registration Lead <div style="text-align:right">*February,2024*</div>
- Organized events and handled 100+ event organizers, handled registrations of 15,000 students.
- Managed the handling of Registrations and handled the database of the same.

Certifications

- Certified Appsec Practitioner by The SecOps Group
- Data Analytics By Cisco
- HTML CSS JS By John Hopkins University