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 Vulnerablities and enhanced and worked on securing the code and testing.
  - ○ **Threat analysis** : Analysed Vulnerablity and Threat Mitigation implimenting 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**: 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

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 organizers, handled registrations of 15,000 students.   *Feb 2024*