Harsh Jain

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Introduction

Harsh Jain is a BTech student specializing in **Computer Science with a concentration on Education Technology** At VIT Bhopal. He has successfully led initiatives including Xperia and StudyKraft and has practical knowledge in **Data Analysis**, **blockchain**, **web development,** and **machine intelligence.** Harsh has shown excellent leadership in event management and technical abilities in a variety of fields, including Python, JavaScript, and cloud computing, as an active member and co-leader of several campus organizations.

Education

VIT Bhopal University

, BTech in Computer Science, Specialization in Education Technology   Aug. 2022 – Present

- CGPA: 8.63 (Transcript)
- **Coursework:** Computer Architecture, Artificial Intelligence, Comparison of Learning Algorithms, Computational Theory, Data Structure and Algorithms, Operating Systems, Database Management Systems, Computer Networks, Linux

Experience

Subject Expert at Course Hero · Freelance | Chegg India · Freelance   may 2023 – Present
- Solved 50+ problems on the platform.

Cyber Warriors Club, VIT Bhopal   Sep 2023 – Present
- Co-Lead of the Planning Department
- Managed multiple events hosted by the club with 500+ visitors.

EDU4U Club, VIT Bhopal   Sep 2023 – Present
- Co-Lead of the Planning Department
- Managed multiple events hosted by the club.

Project Expo   July 24 - Aug 2024
- Industry Conclave hosted by VIT Bhopal
- Got shortlisted for project demonstration to industry experts
- Showcased the Xperia project to the panel

Projects

Xperia   Jan 2024 – Apr 2024
- Developed a certificate validation system using blockchain
- Used stream lit for developing web application
- Used Ganache for a local blockchain network
- Pinata used as an IPFS client
- Tools Used: Blockchain, Python, Stream lit, Pinata, Ganache

Hand Recognition with Python   Aug 2023 – Oct 2023
- Used a ML model for hand tracking
- Implemented hand tracking model using OpenCV
- Tools Used: OpenCV, ML, Python, Media pipe

StudyKraft   Dec 2023 – Feb 2024
- Developed a student dashboard for VIT Bhopal students
- Developed a schedule planner for FFCS timetable
- Tools Used: Web Development, HTML, CSS, Javascript, Bootstrap

Additional Experience and Awards

- Subject Expert at Course Hero · Freelance | Chegg India · Freelance. Solved 50+ problems on the platform.
- Secure Government application by reporting bugs, Appreciated by NCIIPC.
- achieved a merit in the Certified AppSec Practitioner (CAP) exam with a score of 85%.
- achieved a merit in the Certified Network Security Practitioner (CNSP) exam with a score of 85%.
- Coding Profile: (profile)
- Kaggle profile: (profile)
- Google Cloud skill: (profile)

Technologies

- **Languages:** Python, Java, JavaScript, HTML/CSS, SQL
- **Developer Tools:** GitHub, Docker, Google Cloud Platform, VS Code, Eclipse, AWS, AZURE.
- **Blockchain Technologies:** Ganache, Pinata, Truffle.
- **Academic Curriculum:** Data Structure and Algorithms, Operating Systems, Database Management Systems, Computer Networks, Linux, Object oriented programming.
- **Soft Skills:** Problem-solving, Time Management, Communication, Teamwork, Learning, Leadership and Adaptability.
- **Web Technologies:** Frontend Web Development.

Certifications

- **NPTEL:** Cloud Computing (among Top 5% student) Indian Institute of Technology, Kharagpur
- **Certified AppSec Practitioner (CAP) By Secops Group**
- **HTML, CSS, and JavaScript for Web Developers, Coursera**
- **Certified Network Security Practitioner (CNSP) By Secops Group.**