



TECHTAN Course Brochure

2024



MISSION AND VISION

Mission

Empowering individuals with tailored tech education in a sophisticated environment. We foster excellence, integrity, and empowerment, guiding learners to thrive in the digital era with personalized attention and industry expertise.

Vision

To be the premier destination for classy tech education, inspiring lifelong learners to unlock their full potential and lead with confidence in the ever-evolving world of technology.

CORE VALUES

We uphold the highest standards of integrity, transparency, and ethical conduct in all our interactions, building trust with our clients, partners, and community through honesty, accountability, and respect.

We foster a culture of collaboration, teamwork, and inclusivity, valuing diverse perspectives and leveraging collective strengths to drive innovation, foster creativity, and achieve shared goals in the tech community.

We strive for excellence in tech education, delivering high-quality programs and services that exceed expectations, foster innovation, and empower individuals to achieve their goals in the digital realm.

We believe in the power of education to empower individuals and transform lives. We empower learners to unlock their full potential, embrace lifelong learning, and thrive in the digital age.

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Embrace the elegance of luxury,
and the power of perpetual
learning in tech. In our journey,
we fuse opulence with expertise,
crafting a legacy where
innovation meets refinement.

SEGUN

Cyber Security in Blockchain Development

1. Introduction to Cybersecurity and Blockchain

- Overview of cybersecurity fundamentals
- Introduction to blockchain technology and its security implications

2. Cryptography in Blockchain

- Fundamentals of cryptographic techniques
- Cryptographic protocols and algorithms used in blockchain
- Hands-on exercises on cryptographic key management

3. Security Risks and Threats in Blockchain

- Common security risks and threats in blockchain systems
- Vulnerabilities in smart contracts and decentralized applications (DApps)
- Case studies of blockchain security breaches

4. Blockchain Network Security

- Understanding blockchain network architecture
- Consensus mechanisms and their security implications
- Techniques for securing blockchain networks against attacks

5. Secure Smart Contract Development

- Best practices for secure smart contract development
- Techniques for auditing and testing smart contracts for vulnerabilities
- Hands-on exercises on secure coding practices

6. Blockchain Security Tools and Technologies

- Overview of security tools and technologies for blockchain
- Using blockchain security platforms for monitoring and threat detection
- Implementing secure wallet management and access control

7. Regulatory Compliance and Legal Aspects

- Overview of regulatory frameworks for blockchain security
- Compliance requirements for blockchain-based systems
- Legal considerations and implications of blockchain security breaches

8. Incident Response and Recovery

- Developing incident response plans for blockchain security incidents
- Procedures for investigating and mitigating security breaches
- Recovery strategies for restoring blockchain systems after security incidents

9. Blockchain Security Best Practices

- Best practices for maintaining security in blockchain systems
- Security governance and compliance frameworks for blockchain projects
- Case studies of successful blockchain security implementations

10. Final Project and Certification

- Capstone project on implementing blockchain security measures
- Presentation of project findings and recommendations
- Evaluation and certification for successful completion of the course





About us

At Techtan, we understand that the digital landscape is ever-evolving, and navigating it can be daunting. That's why we've created a tech hub designed to empower individuals with the skills and knowledge needed to thrive in today's digital era. We provide top-notch tech education in a clean, calm, and classy atmosphere. We believe that learning should be an enriching experience, which is why we've curated a team of expert instructors who are passionate about sharing their knowledge and guiding learners through their tech journey with personalized attention and support.

ADDRESS

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