



PRESENTS

POST GRADUATE PROGRAM BLOCKCHAIN AND THE SUPPLY CHAIN (MBA- BSCM)



The India Blockchain Alliance was established with the purpose of mutual assistance in the field of business development, networking, cooperation and a joint approach to defending the interests of the members of the alliance. It also seeks to raise awareness of the importance of the blockchain technology among the professional and lay public, and, therefore, organizes various events and training courses. It also cooperates with the government authorities in the field of the relevant legislation.

The India Blockchain Alliance is a key player in the process of creating a setting that will transform India into a global blockchain destination. The members work harmoniously and in unison for the benefit of the individual and collective business development of blockchain companies.

Established in 2015, The India Blockchain Alliance (IBA) is the most influential voice in the blockchain industry. It is a not-for-profit organisation that promotes evidence-based adoption of Blockchain and Distributed Ledger Technologies (DLT) across the public and private sectors.

Our alliance is drawn from the worlds of Blockchain, Academia, Information Technology, Computer Science, regulators and policymakers in the field of distributed ledger technologies. IBA is a close-knit network of experts and organizations connecting policymakers, academics, blockchain engineers, venture capitalists and visionaries.

IBA VISION & MISSION

MISSION



IBA aspires to see an India that leads the world in the adoption of blockchain technology that has transformed the economy and society to achieve significantly greater competitiveness, efficiency, service quality, social engagement and employment. IBA aims to encourage the responsible adoption of blockchain technology by industry and governments across India as a means to drive innovation in service delivery across all sectors of the economy.

VISION



India Blockchain Alliance was founded on the premise that blockchains have the potential to transform many aspects of India's financial, social, and governance systems in ways that make them more decentralized, open, and equitable. Such transformations, however, will affect all country men and its important to ensure that all classes of stakeholders (private, public regulatory, academic, and more) are connected in open conversations about how use this science to benefit Indians and build India as a leader in blockchain technology.



WHY BLOCKCHAIN IS A BIG CAREER OPPORTUNITY

- Blockchain is a universal open source digital ledger in which transactions are recorded chronologically and publicly.
- Blockchain enables swift transfer of money without Internet banking or intermediaries. All you need is computer access and Blockchain network.
- No wonder, businesses across industries—from real estate to messaging apps—are exploring the fastest-growing technology's potential to gain a competitive edge
- Blockchain will be the most in-demand hard skill in 2020, according to a new study by the educational subsidiary of professional social network LinkedIn
- There's been a 517% increase in demand for software engineers with blockchain development skills in the past year, according to a new report from job search site Hire
- Blockchain development skills ranked in the top three job openings in almost every global region
- Blockchain skills will get you double, or even triple, the salary of a software engineer



COMPANIES NEED MUCH MORE BLOCKCHAIN TALENT

New research based on data from the employment-oriented networking platform LinkedIn shows that blockchain tops the list of most in-demand hard skills for 2020. The ranking of the most needed skills was made by looking at those that are in high demand relative to their supply. Demand was measured by identifying the skills listed on the career profiles of people who are getting hired at the highest rates. It divided the skills into two groups. Hard skills include specialized knowledge and technical abilities to handle a specific task, while soft skills are more about behavior and thinking, personal traits and cognitive skills.

This high ranking shows how rapid the technology is penetrating the business world, as blockchain wasn't even on the list a year ago. It has also beaten to the top other popular corporate buzzword fields such as cloud computing and artificial intelligence. The research further shows that blockchain is the most in-demand skill right now in the United States, the United Kingdom, France, Germany, and Australia.



WHY BLOCKCHAIN IN HEALTHCARE

The need for a technically advanced system is undeniable in the healthcare sector owing to its significance. Blockchain technology has the power to bring about a major breakthrough in the healthcare industry, especially in terms of Health Information Exchange, by improving data integrity, regulatory compliance, and privacy.

The specially curated curriculum designed by industry experts focuses on Blockchain concepts and Blockchain use cases in healthcare. Enrol in the Blockchain Healthcare Professional Certification training and become a sought-after Blockchain professional in the healthcare domain and gain a competitive advantage over others..

PROGRAM SYNOPSIS

PRACTICAL ONLINE TRAINING

1-ON-1 SUPPORT

JOB ASSISTANCE & CAREER

MENTORSHIP

LIFETIME ACCESS & UPDATES

job opportunities



MedBlocks



SHIVOM



PranaCare
Inspiring Better Health

thynk
blink



IBM

aetnaSM

UNIQUE PROGRAM FEATURES

- 1-1 Mentoring
- Gain in-depth subject knowledge and expert insights from industry-driven comprehensive curriculum
- 24/7 access to study material & video lectures
- Global Faculty
- Live interactions with Blockchain experts and Corporate leaders
- Hands-on experience to solve corporate level Blockchain issues
- Live Projects
- Career guidance and support through leading recruitment partners
- Free Lifetime IBA Membership

LEARNING METHODOLOGY



INTERACTIVE
LECTURES



HIGH-QUALITY
RECORDED VIDEO
LECTURES



E-LEARNING
ACTIVITIES



ILLUSTRATIVE
PRESENTATIONS



CASE STUDIES,
MINI-PROJECTS &
ASSIGNMENTS



INDUSTRY
WORKSHOPS



LIVE PROJECTS



CASE STUDIES,
MINI-PROJECTS &
ASSIGNMENTS



INSTRUCTOR-LED
PRACTICE
SESSIONS ON
PLATFORMS

ELIGIBILITY CRITERIA



Ongoing graduate program. Any stream. English language competence is must

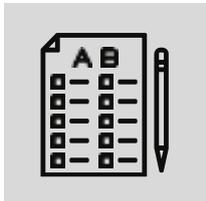


A Bachelor's or Master's degree in any discipline with a minimum of 50% aggregate marks, then you are qualified to take up the program.



Working professionals

EVALUATION PROCESS



PRACTICE QUIZ

- Be responsible for your own learning with quizzes at the end of each module.
- Test your subject understanding and determine your readiness for program completion.



ASSIGNMENTS

- Apply concepts learned in each module with in-depth assignments designed to make you reflect, adapt and apply knowledge to real life scenarios.



CASE STUDIES

- Get hands-on experience with real-life case studies
- Build a portfolio of demonstrable work by referring to these cases published at Harvard Business Publishing's case portal



SEMESTER EXAMINATIONS

- Cumulative of quizzes and assignment to test the practical and conceptual knowledge of student



On successful completion of the program, earn a Certificate of Graduate Program in Blockchain Supply Chain Management from BlockEdu and IBA certified by FTI, the largest certification body in emerging technologies worldwide.

Add the certificate to your CV and improve your job/business prospects.



Get recognized! Upon successful completion of the program, IBA - FTI grants a verified digital certificate of completion to participants. This program is graded as a pass or fail; participants must receive 80 percent to pass and obtain the certificate of completion.

Note: After successful completion of the program, your verified digital certificate will be emailed to you in the name you used when registering for the program.

All certificate images are for illustrative purposes only and may be subject to change at the discretion of FTI-IBA



CERTIFICATION BENEFITS

- Globally acknowledged certification from the leading credentialing authority in emerging technologies - FTI.
- Gain an in-depth understanding of the Healthcare Blockchain
- Implement your skills to optimize supply chain management
- Competitive advantage over others in Interviews



CAREER ASSISTANCE

Enhance your career aspirations with assistance from our recruitment partners like CutShort.io, Virtual Job Fair and existing IBA network worldwide.

On successful completion of the program, equip yourself with sophisticated expertise to apply for jobs in Supply Chain Blockchain space in the roles of Smart Contract Developer, Blockchain Developers and Technical Architects, Blockchain Business Managers, Blockchain Consultant, Blockchain Expert and Blockchain Generalist.

Get connected with our Career Counsellor towards the end of the program to be interview-ready as per the current industry requirements.



QUICK FACTS

What does a Blockchain Professional do in the Healthcare Industry?

A Blockchain professional helps design and maintain Blockchain-based systems for recording, sharing, and storing sensitive data in a secure and reliable manner.

The Growth Curve Ahead:

After you successfully complete the Certification, you can have various opportunities in your professional growth. You can be:

- QA Engineer
- Technology Architect
- Engineering Manager
- Front-end and Back-end Engineer

What are the domains where Blockchain & Supply chain Professionals work?

- Healthcare
 - Clinical Research
 - Hospitality and Other Industries
- 

THE FACULTY



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OVERVIEW

The Indian healthcare industry will reach US\$ 372 billion by 2022, and the Government of India plans to expand its public health spending to 2.5% of the country's GDP by 2025 (IBEF, 2020). With more opportunities opening every day in this booming sector, joining the Blockchain Certificate Programme in Healthcare Management will be the difference between having a job and a rewarding career. Become industry-ready and develop an effective data-driven decision-making ability towards improved healthcare solutions.

This course reviews how Blockchain is being applied in the Healthcare industry. As the industry faces many critical issues, healthcare professionals are turning to, and implementing Blockchain solutions to improve privacy, data integrity, cost reductions, and regulatory compliance. We'll discuss current and new industry use cases, as well as detailed coverage of the regulatory environment. This course focuses on how Blockchain is being used to improve and resolve many of the current and future healthcare industry problems.

CURRICULUM



Module 1: Technical Fundamentals of Blockchain Technology

- Introduction
- History of Blockchain
- Data & Databases
- Networks & Protocols
- Ledgers
- Cryptographic Fundamentals
- Consensus



Module 2: Blockchain Deployment Patterns

- Introduction
- Deployment Patterns
- Social Dimensions
- Blockchain in IT Infrastructure
- Public & Managed Blockchain Protocols



Module 3: Smart Contracts

- Introduction
- Paper to digital contracts
- What is a smartcontract?
- Contract Dimensions
- Legal Considerations
- Security Challenges & Measures
- Smart contract platforms
- Smart Contract Implementation
- Ricardian Contracts & Smart Contracts
- Practice: Deploy a Smart Contract



Module 4: The Potential of Blockchain in Production

- Introduction
- Blockchain in Production & Operations
- Use Cases
- Challenges to Blockchain Adoption & Implementation in Production & Operations



Module 5: The Possibilities of Blockchain in Healthcare

- Healthcare Industry Overview
- Healthcare Services
- Healthcare Market Analysis
- Problems Affecting Healthcare industry
- Problem Statement – Drug Counterfeiting
- Problem Statement – Clinical Trials
- Problem Statement – Healthcare Records Management



Module 6: Healthcare Records Management

- Problem overview – Limitations of Healthcare Records Management
- Blockchains For Healthcare Records
- How Blockchain Can Save the Cost of Maintaining the Records?
- Advantages of using Cryptography for Health Record Management
- Interoperability with other Electronic Healthcare Record systems
- Use Cases



Module 7 : Preventing Drug Counterfeiting

- Problem overview – Drug counterfeiting around the world
- Need for Drug Traceability
- Why are Drugs Difficult to Track?
- Pharmaceutical Supply Chain
- Cold Supply Chain
- Advantages of Blockchains in Stopping Drug Counterfeiting



Module 8 : Clinical Trials

- Problem overview – Mismanagement of Data
- Challenges Faced in Clinical Trials
- Standardization of Data Collection
- Prevention of Data Manipulation
- Giving patients Access to Data Marketplaces
- Simplified Data Provenance for Data Scientists



BLOCKCHAIN FOR REAL WORLD SOLUTIONS

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