



Rohas Nagpal

Rohas Nagpal is a blockchain evangelist and Chief Blockchain Architect of Primechain Technologies Pvt. Ltd.

In the past 17 years, he has investigated cyber crimes and data breaches for hundreds of organisations across dozens of sectors including aerospace, banking, defence, enforcement, IT, manufacturing, media, medical, pharmaceuticals, shipping and trading.

He developed an interest in virtual currencies and blockchain technology while investigating a case of organized criminals using bitcoin. Since 2011, he has been working extensively in the blockchain domain.

He is actively involved in several open-source blockchain projects including:

1. *YobiChain* - a private blockchain ecosystem preloaded with development tools, database, web & FTP servers and 4 blockchain applications¹.
2. The *PT-BSC* (Primechain Technologies - Blockchain Security Controls), which prescribes security controls for blockchain implementations².

Rohas has designed the *Blockchain Basics Bootcamp*, a free online course in blockchain technology³.

He has also founded *Global Blockchain Network* (GBN) – the trade association for the blockchain industry⁴.

¹ For details, visit: <https://github.com/Primechain/yobichain>

² For details, visit: <https://github.com/Primechain/blockchain-security-controls>

³ For details, visit: <http://www.blockchain.org.in/b3.php>

⁴ For details, visit: www.GlobalBlockchainNetwork.com

Rohas is an active public speaker and some of his recent blockchain related speaking engagements include:

- 29th March, 2016 – Conclave on “*Impact of virtual currencies on money laundering, terrorism financing and tax evasion*” for senior officers of the Mumbai Police.
- 5th April 2016, Presentation on *Blockchain Technology* for officials of Securities Exchange Board of India (SEBI).
- 7th May, 2016 - Seminar on *Blockchain & Virtual Currencies – Technology, Opportunities and Threats* for Computer Society of India and Centre for Development of Advanced Computing (CDAC).
- 17th May, 2016 - Knowledge Session on *Blockchain and Virtual Currencies* for top management of Central Depository Services Limited (CDSL).
- 23rd May, 2016 – Session titled *Money: from cowry shells to the blockchain* at the Future Money Conference, The St. Regis, Mumbai.
- 23rd May, 2016 – Session titled *Live Demo: Creating and using a blockchain* at the Future Money Conference, The St. Regis, Mumbai.
- 15th June 2016 – Interactive session on *Money: From cowry shells to the blockchain* for State Bank Group CISOs.
- 1st September, 2016 - Moderated the panel discussion on *Blockchain - The Use Cases and the Way Forward* at the India FIX Conference.
- 23rd September, 2016 – Interactive session on *Blockchain Basics* for officials of ICICI Bank Limited.
- 27th September, 2016 – Interactive session on *Blockchain Basics* for officials of NSDL e-Governance Infrastructure Limited.
- 21st October, 2016 – Interactive session on “*Criminal use of Virtual Currencies*” for officers of the Crime Branch of the Mumbai Police.
- 22nd October, 2016 - Interactive session on *Blockchain Technology* at the BFSI Technology Conclave organized by Express Computers at Pune.

- 9th November, 2016 - Interactive session on *Blockchain Technology* for leading Life Insurance companies at Mumbai.
- 9th December, 2016 - Interactive session on *Blockchain Technology* for the Technology team of HDFC Bank.
- 11th January, 2017 - Interactive session on *Blockchain Technology* for top management of Birla Sun Life Insurance.
- 8th February, 2017 - *Blockchain solutions for insurance industry* at seminar organized by Matchi and KPMG East Africa.
- 1st March, 2017 - *Workshop on Blockchain* at Fintegrate Zone 2017 organized at Bombay Stock Exchange.
- 23rd March, 2017 - Interactive lecture and brainstorming session at Clearing Corporation of India Ltd, Mumbai.

Amongst other achievements, Rohas Nagpal has:

1. Co-founded Asian School of Cyber Laws in 1999.
2. Assisted the Government of India in drafting rules and regulations under the Information Technology Act.
3. Led the team that developed *Collaborative Online Investigation Network (COIN)*, an interactive platform empowering the world's enforcement agencies to tackle cyber crime & other cases involving digital evidence.
4. Developed the *ASCL Volatile Evidence Retrieval Tool (Vertool)* for quick evidence retrieval from Windows computers.
5. Authored 18 books & whitepapers, including the *Cyber Crime Investigation Manual*, which has been referred to as a “bible for cyber crime investigators” by Times of India – the world’s largest selling English newspaper.

6. Manages the *Global Cyber Law Database* - the most comprehensive database of cyber laws for all countries.
7. Co-founded *LeapCourses.com* – a platform for 50+ quick and free online courses.

Publications

Books

- Authored several books in digital forensic investigation, technology law and financial law.
- Author of the *Cyber Crime Investigation Manual*, which has been referred to as a “bible for cyber crime investigators” by Times of India – the world’s largest selling English newspaper.
- Authored *Cyber Crime & Digital Evidence* published by Asian School of Cyber Laws. This book was provided to the delegates of the National Consultation meeting on Enforcement of Cyber Law held at New Delhi on 31st January 2010. This meeting was organized by National Project Committee on Enforcement of Cyber Law (Supreme Court of India) in association with Cyber Appellate Tribunal, Ministry of Communication & Information Technology, Department of Information Technology, Government of India and National Legal Services Authority (NALSA).
- Authored the first ever *Commentary on the Information Technology Act*.
- Authored *Cyber Crime and Corporate Liability* published by Wolter Kluwers.

Papers

- *Internet Time Theft & the Indian Law* - white paper prepared for the Corps of Detectives, Karnataka Police, September 2001.
- *Legislative Approach to Digital Signatures* - paper presented at the First World Congress on Computer Law organized at Ecuador, October, 2001.
- *Legislative Approach to Digital Signatures* - paper presented at the International Law Seminar organized by ISIL at New Delhi, in Oct, 2001.

- *Indian Legal position on Cyber Terrorism, Encryption and preventive measures* on behalf of the Karnataka Police for Otto Schily, Interior Minister, Federal Republic of Germany (30th October, 2001).
- *Defining Cyber Terrorism* - paper submitted at the National Seminar on Human Rights and Terrorism on 9 and 10 March 2002 at Nagpur, India.
- *The mathematics of terror* - paper submitted at the National Seminar on Human Rights and Terrorism on 9 and 10 Mar, 2002 at Nagpur, India.
- *Cyber Terrorism in the context of Globalisation* - Paper presented at the UGC sponsored National Seminar on "Globalization and Human Rights" held on 7th - 8th September, 2002 at Mumbai, India.
- *Cyber Terrorism: A Global Perspective* – Paper presented at the Second World Congress on Informatics and Law held at Madrid, Spain from 23rd - 27th September, 2002.
- *Intellectual property law and cyberspace* - presented at the seminar on intellectual property rights conducted by the Department of Civics and Politics, University of Mumbai in 2006.
- Drafted the compromis for the Philip C. Jessup International Law Moot Court Competition, USA. It is the world's largest moot court competition, with participants from over 500 law schools in more than 80 countries.
- *Math Money*: A simple introduction to crypto-currencies.
- Co-authored an Internet Draft titled *Biometric based Digital Signature scheme*, which proposes a method of using biometrics to generate keys for use in digital signature creation and verification.
- Document on *Man-in-the-middle attacks* has been cited in patent US 8677466 B1 titled *Verification of digital certificates used for encrypted computer communications*.

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