



# AVINASH MEETO

**COMPUTER SCIENTIST & TEDx SPEAKER**  
with more than 20 years experience in  
technology, education and policy-making

47 years old, married, two children

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## WORK EXPERIENCE

**UNITED NATIONS  
DEVELOPMENT  
PROGRAMME (UNDP)  
MAURITIUS & SEYCHELLES**  
Port-Louis, Mauritius  
Since February 2021

### HEAD OF EXPERIMENTATION ACCELERATOR LABS

UNDP Mauritius and Seychelles, as part of a network operating in 116 countries, has set up an Accelerator Lab to achieve the 17 Sustainable Development Goals (SDGs) by 2030. As Head of Experimentation, I am responsible for creating multi-stakeholder solutions to address complex problems using innovation, technology, strategic-thinking and leadership.

**MINISTRY OF  
TECHNOLOGY,  
COMMUNICATION  
AND INNOVATION**  
Ébène, Mauritius  
June 2017 – January 2021

### SENIOR ADVISER OF THE MINISTER

I advised the Minister of Technology, Communication and Innovation on ways to transform Mauritius into an inclusive high-income country as per Vision 2030 of the Government. I advised on creating a culture of innovation among the population, identifying strategic growth areas and making ICT a key driver for economic and social development.

**UNIVERSITY OF  
TECHNOLOGY (UTM)**  
La Tour Koenig, Mauritius  
July 2018 – January 2021

### MEMBER OF THE BOARD OF GOVERNORS

UTM operates under the aegis of the Ministry of Education. I also chaired the Planning and Finance Committee and I was part of the Staff Committee and the Academic Council of the university.

**NATIONAL  
COMPUTER BOARD (NCB)**  
Port-Louis, Mauritius  
February 2018 – January 2021

### MEMBER OF THE BOARD OF DIRECTORS

NCB promotes the development of ICT to transform Mauritius into a cyber island and a regional ICT hub. As board member, I contributed to strategic planning and decisions impacting both government and citizens.

**ICT ADVISORY COUNCIL**  
Ébène, Mauritius  
January 2015 – May 2017

### CHAIRPERSON OF THE COUNCIL

The Council advises the Minister of Technology, Communication and Innovation on policies to promote users' interest for ICT services.

**KNOWLEDGE SEVEN**  
Quatre-Bornes, Mauritius  
November 2008 – May 2017

### FOUNDER, OWNER & CEO

Knowledge Seven is an institution which has trained more than 600 people in highly technical fields (Linux, Android & Web Development). It also provided consultancy and mobile app development services (Android/iOS).

**SUPINFO UNIVERSITY**  
November 2014 – May 2017  
**UNIVERSITY OF MAURITIUS**  
March 2005 – August 2008

### LECTURER IN COMPUTER SCIENCE

Computer science and software engineering taught at undergraduate and graduate levels at Supinfo University at Uniciti Education Hub in Mauritius, at the department of Computer Science & Engineering of the University of Mauritius and at the Business School of the Mauritius Chamber of Commerce & Industry. Also engaged in Research and Consulting activities.

**MCCI BUSINESS SCHOOL**  
September 1999 – February 2005

**DCDM CONSULTING**  
Port-Louis, Mauritius  
January 1999 – August 1999

### BUSINESS ANALYST

Provided support for the Mauritian sugar industry (Weighbridge & Payroll systems) and developed a fixed-assets management software for banks.

## EDUCATION

|   |  |
|---|--|
| <b>ENS LYON</b><br>Lyon, France<br>September 1997 – August 1998                             | <b>MASTER OF PHILOSOPHY IN COMPUTER SCIENCE</b><br>M. Phil. in Computer Science (Diplôme d'Études Approfondies) at the École Normale Supérieure (ENS Lyon).  |
| <b>INSA LYON</b><br>Lyon, France<br>September 1995 – August 1998                            | <b>MASTER'S DEGREE IN COMPUTER SCIENCE</b><br>Master's Degree in Computer Science (Diplôme d'Ingénieur) at the Institut National des Sciences Appliquées (INSA Lyon). Ranked 1 <sup>st</sup> in 1996.  |
| <b>UNIVERSITÉ DE LA RÉUNION</b><br>Réunion Island, France<br>September 1993 – August 1995   | <b>DIPLOMA IN MATHS, PHYSICS &amp; COMPUTER SCIENCE</b><br>Diploma in Maths, Physics & Computer Science (Diplôme d'Études Universitaires Générales / DEUG Sciences et Structures de la Matière) at the Université de la Réunion. Ranked 1 <sup>st</sup> in 1995. |
| <b>ROYAL COLLEGE CUREPIPE</b><br>Curepipe, Mauritius<br>January 1990 – December 1992        | <b>HIGHER SCHOOL CERTIFICATE (SCIENCE SIDE)</b><br>Higher School Certificate (GCE A-Level) of Cambridge International (UK) in Science in 1992. Ranked 25th in Science at the National Level in 1989. Awarded a French excellence scholarship.                    |
| <b>ROYAL COLLEGE CUREPIPE</b><br>Curepipe, Mauritius<br>January 1985 – December 1989        | <b>SCHOOL CERTIFICATE (SCIENCE SIDE)</b><br>School Certificate (GCE O-Level) of Cambridge International (UK) in Science. Ranked 1st in Computer Science at the National Level in 1989.   |
| <b>NOTRE DAME DES VICTOIRES RCA</b><br>Rose-Hill, Mauritius<br>January 1979 – December 1984 | <b>CERTIFICATE OF PRIMARY EDUCATION</b><br>Certificate of Primary Education (CPE) in Maths, Geography, English & French. Ranked 19th at the National Level in 1984.  |

## CERTIFICATIONS AND MEMBERSHIPS

|   |  |
|---|--|
| <b>UNITED NATIONS DEVELOPMENT PROGRAMME (e-Learning)</b>      | Certificates of Achievement in February 2021 for the following courses: "BSAFE (Safety & Security)", "Fraud and Corruption Awareness and Prevention", "Ethics and Integrity at UNDP", "Prevention of Harassment, Sexual Harassment and Abuse of Authority" and "Prevention of Sexual Exploitation and Abuse of the Local Population"   |
| <b>WHARTON SCHOOL UNIVERSITY OF PENNSYLVANIA (e-Learning)</b> | Statement of Accomplishment for "Gamification" in March 2015 ( <a href="https://avinashmeeto.com/c_2015_1">https://avinashmeeto.com/c_2015_1</a> ).<br>Certificate with Distinction for "Introduction to Financial Accounting" in December 2014 ( <a href="https://avinashmeeto.com/c_2014_1">https://avinashmeeto.com/c_2014_1</a> ). |
| <b>RED HAT INC</b>  | Red Hat (Linux) Certified Engineer in 2001 (Certificate ID 110-978-970) ( <a href="https://avinashmeeto.com/c_2001_1">https://avinashmeeto.com/c_2001_1</a> ).   |
| <b>ASSOCIATION FOR COMPUTING MACHINERY</b>                    | Association for Computing Machinery (ACM) Professional Member for 6+ years. ACM is the world's largest scientific & educational computing society.   |
| <b>LINUX USER GROUP OF MAURITIUS</b>                          | Founded the Linux User Group of Mauritius in 2000 to promote Linux and open-source software. Current member of the Managing Committee.   |
| <b>ELECTIONSMAURITIUS.COM</b>                                 | Created the electionsmauritius.com website for the 2014 and 2019 general elections in Mauritius. The website provides useful information on parties, programmes and candidates for Mauritian voters. The website was very successful, was featured in the local press and is still fully functional.                                   |

## SELECTED TALKS & MEDIA APPEARANCES

- 2020** “Tibiznes dan Moris: comment valoriser davantage votre business?” on Wazaa FM (5 October) ([https://avinashmeetoo.com/m\\_2020\\_4](https://avinashmeetoo.com/m_2020_4))
- “Confluence: Post COVID-19, quel avenir pour le secteur des TIC?” on Wazaa FM (16 September) ([https://avinashmeetoo.com/m\\_2020\\_3](https://avinashmeetoo.com/m_2020_3))
- “La technologie comme alliée pour combattre le COVID-19” in Business Magazine (8 April) ([https://avinashmeetoo.com/m\\_2020\\_2](https://avinashmeetoo.com/m_2020_2))
- “La mouvance vers le télétravail va s’accélérer” in Le Défi Quotidien (3 April) ([https://avinashmeetoo.com/m\\_2020\\_1](https://avinashmeetoo.com/m_2020_1))
- “Privacy aspects of ICT Projects” at the Data Protection workshop organised by the Data Protection Office (16 January)
- 2019** “AI Opportunities in Mauritius” at the Innovtech 2019 AI for Good conference (20 September)
- “Jobs of the future and how YOU can prepare for them” at the Innovtech 2019 youth forum (19 September)
- “L’Intelligence Artificielle à Maurice, ses perspectives, ses challenges et opportunités” during AI Tuesdays (16 July)
- “La question du numérique” during the “Assises de la Recherche” at the “Université des Mascareignes” (26 June)
- “What the Hell are Emerging Technologies and are they useful to me” during the SME TECH-INNOV conference organised by the National Computer Board (20 June)
- “How Deep Learning Works and Building a Chatbot using Deep Learning (Tensorflow)” during DevCon 2019 (11 April)
- “Jobs of the future and how YOU can prepare for them” during a workshop organised by the Rodrigues Regional Assembly (14 February)
- 2018** “The rise of Africa's digital economy”, an interview on CNBC Africa (3 December) ([https://avinashmeetoo.com/m\\_2018\\_4](https://avinashmeetoo.com/m_2018_4))
- “A conversation with Sophia, the humanoid robot” during the World AI Show (28 November) ([https://avinashmeetoo.com/m\\_2018\\_3](https://avinashmeetoo.com/m_2018_3))
- “L’Intelligence Artificielle” on Talk of the Town Radio Plus (21 November) ([https://avinashmeetoo.com/m\\_2018\\_2](https://avinashmeetoo.com/m_2018_2))
- “Innovative Digitalisation Initiatives in Government” during the Industry 4.0 conference organised by Team Synthesis (26 September)
- “Jobs of the Future” during Infotech Rodrigues (2 August)
- “Building a simple Chatbot using Tensorflow” during DevCon 2018 (20 May)
- “50 Fraz pou 50 an Lindepandans” on MBC TV (10 February) ([https://avinashmeetoo.com/m\\_2018\\_1](https://avinashmeetoo.com/m_2018_1))

- 2017** “Innovation as a major enabler in the transformation of Mauritius” during Innovtech 2017 (2 December)
- “Public Sector Innovation” during the Transformation 4.0 conference by Team Synthesis (13 November)
- “Barriers and Recommendations for a Regulatory Framework and Innovation Ecosystem” during a brainstorming workshop on Overcoming Barriers to Innovation in SMEs organised by the Mauritius Research and Innovation Council (16 October)
- “Logiciels Open Source: Opportunités et Défis” during OSS 2017 organised by l’Agence Universitaire de la Francophonie and the University of Mauritius (20 September)
- “Innovation & Emerging Technologies” during Digital Mauritius 2030 Strategy workshop organised by the Ministry of Information Technology, Communication and Innovation (1<sup>st</sup> August)
- 2016** “Être efficace avec Android” at Alteo Group (25 May)
- “Jobs of the future and how we can prepare for them” during a TEDx organised by the African Leadership College (21 May) ([https://avinashmeetoo.com/m\\_2016\\_1](https://avinashmeetoo.com/m_2016_1))
- “More youngsters should be Hackers” organised by Hackers.mu (30 April)
- “The ICT Advisory Council” during the World Creativity and Innovation Day Seminar organised by the Mauritius Research and Innovation Council (21 April)
- “Interesting Tech Jobs of the Future (for Mauritius)” for Form VI students at College Imperial in Curepipe (5 February)
- 2015 and before** “Web 2.0” and “Blogging” at Charles Telfair Institute (20 August 2015)
- “Creating Elections Mauritius using Flask, a Python micro-framework” during the Developers Conference (23 April 2015)
- “Les Logiciels Libres dans le monde de l’Éducation” during OSS2014 organised by l’Agence universitaire de la Francophonie and the University of Mauritius (28 August 2014)
- “Linux and Android World Domination” during Linuxfest 2013 organised by the Linux User Group of Mauritius (25 November 2013)
- “The future of Education” at the Open University (21 November 2013)
- “Les logiciels libres au service de l’éducation” during the “Rencontres Mondiales des Logiciels Libres Décentralisées” in Réunion Island (22 August 2013)
- “Why Linux is important for Mauritius “ during a workshop organised at L’Escalier by the Mauritius Linux User Group (15 June 2013)
- “Android, architecture, ecosystem and development” at Lottotech (2 May 2013)
- “Les réseaux sociaux” at Rotary Port Louis (2 April 2013)

+ more than 40 other talks and media appearances on various topics.

## BUSINESS & TECHNICAL SKILLS

**Business:** Strategic Planning, Management, Accounting, Finance, Marketing & Sales, Human Resources, Entrepreneurship.

**Emerging Technologies:** Internet of Things (IoT), Big Data & Data Science, Automation, Artificial Intelligence, Machine Learning & Deep Learning, the Blockchain, Fintech & Cryptocurrency.

**Cloud & Data:** IaaS/PaaS/SaaS Architectures, Relational model, SQL, PostgreSQL, Enterprise DB, MariaDB, Oracle DB, NoSQL databases.

**Software Engineering:** Software Architecture, Object-Oriented Analysis & Design, UML, Design Patterns, Enterprise Architecture, Agile.

**Web Development:** HTML/CSS, Javascript, jQuery, PHP, Java, Java EE (Jakarta EE), Spring Framework & Spring Boot, Python, Flask Micro Framework, Representational State Transfer (REST).

**Mobile Development:** Android App Architecture, Native apps (Java, Kotlin), multi-platform apps (Cordova, jQuery Mobile & Flutter).

**System:** Linux, UNIX, Android, MacOS, Windows, Networking, Cybersecurity & Cyberdefense, Concurrency & Parallelism.

## OTHER INTERESTS

Blogging at [avinashmeetoo.com](http://avinashmeetoo.com) (professional) & [noulakaz.net](http://noulakaz.net) (family)

Personal Social Networking at [avinashmeetoo.com/facebook](http://avinashmeetoo.com/facebook)

Professional Social Networking at [avinashmeetoo.com/facebookpage](http://avinashmeetoo.com/facebookpage), [avinashmeetoo.com/linkedin](http://avinashmeetoo.com/linkedin) & [avinashmeetoo.com/twitter](http://avinashmeetoo.com/twitter)

My Music at [avinashmeetoo.com/music](http://avinashmeetoo.com/music)

My Photos at [avinashmeetoo.com/photos](http://avinashmeetoo.com/photos)

My Videos at [avinashmeetoo.com/videos](http://avinashmeetoo.com/videos)

Travels to the USA, France, England, Italy, Greece, Turkey, India, South Africa, Ethiopia, Malaysia, Thailand, Réunion and Rodrigues.



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