

JOHN LIVINGSTON. J



Education:

- **Pursuing Ph.D.** at Anna University, Chennai.
- **Master of Technology in Information technology**, Francis Xavier Engineering College (Anna University, Tirunelveli) (2011).
- **Bachelor of Engineering in Computer Science**, Francis Xavier Engineering College (Anna University, Chennai) (2008).
- **HSC**, St. John's Hr. Sec School, Tirunelveli (2004).
- **SSLC**, St. John's Hr. Sec School, Tirunelveli (2002).

Work Experience:

18 th January 2023 – till date	Kamaraj College of Engineering & Technology <i>Assistant Professor – Department of CSE</i>	Virudhunagar. Tamil Nadu
8 th June 2017– 29 th December 2022	ST. Mother Theresa Engineering College <i>Assistant Professor – Department of CSE</i>	Thoothukudi, Tamil Nadu.
2 nd May 2011 – 7 th June 2017	SCAD College of Engineering & Technology <i>Assistant Professor – Department of IT</i>	Cheranmahadevi, Tamil Nadu.

Roles and Responsibilities:

- **Industrial Applied Lab In-charge** – Mobile and Web App Development.
 - **ERP** In-charge.
 - **Digital Marketing** In-charge.
 - **Webmaster.**
 - **Media Wiki** In-charge.
 - **Management Information Report** In-charge.
 - IBM Nalaiya Thiran Evaluator.
 - Nan Mudhalvan – Cloud Essentials Instructor.
 - Cloud Lab In-charge.
-

Skill Sets:

- Mobile Application User Interface design & development using **Flutter**.
 - Mobile Application development using **Android Studio and Visual Studio Code**.
 - Data handling using **Firestore Cloud storage**.
 - Data visualization using **Google Data Studio**.
 - Multimedia creation using **CANVA**.
 - Digital Marketing through Facebook, Instagram & other social media platforms.
 - Code version controlling using **GitHub**.
 - Website Content Management using **Drupal and WordPress**.
 - Hands-on experience on **XAMPP and Media Wiki**.
-

Research area:

- Malware Analysis.
 - IoT Healthcare.
-

Subject Expertise:

- Cloud Computing.
 - Mobile Computing.
 - Problem Solving and Python Programming.
 - Programming in C.
 - Software Engineering.
 - Web Technologies.
 - Communication Networks.
 - Geographic Information System.
-

Projects Completed in Mobile and Web Technologies:

S. No	Projects Completed
1.	Spara Mina (Women safety App).
2.	Drowsiness Detection App.
3.	BlueChat App.
4.	Weather App.
5.	Dictionary App.
6.	Text recognition App.
7.	Covid'19 Tracker App.
8.	Voice Calculator App.
9.	Virtual Volume control App.
10.	Smart kid learning App.
11.	Indian Culture Quiz App.

S. No	Projects Completed
12.	Gesture assistant Gameplay.
13.	Face recognition based attendance app.
14.	Ayush Doctor App.
15.	BT bulb controller App.
16.	Text to Speech APP.
17.	Personal Finance App.
18.	E – Commerce App.
19.	Marks display App.
20.	Ulavan Bot.
21.	Simple AR App.

Academic Activities:

1. Publications:

- Mr.J.John Livingston, Mr. X. Amala Princeton, Mr. N. Mohan **"Digital Assistance for Physically disabled people based on voice control system"** International Journal of Scientific & Technology Research, April 2020, Volume 7, Issue 4.
- X. Amala Princeton, J. John Livingston, N. Mohan, **" Analysis of Network traffic for identifying vulnerabilities in Encrypted smartphone communications"** International Journal of Scientific & Technology Research February 2020, Volume 9, Issue 2.

2. National Conference:

- Presented a paper Entitled **"Machine Learning for Intrusion detection in Industrial control system"**, at the **National Conference on Sustainable materials and advance in renewable Technologies**, held at St.Mother Theresa Engineering college, Thoothukudi, on 29th & 30th April 2022.
- Presented a paper Entitled **"Prevention Presented a paper Entitled "Personal Sharing of Biomedical data using ABE algorithm"**, at the **National Conference on Networking and Intelligent Computing**, held at Dr. Sivanthi Aditanar College of Engineering, Tiruchendur, on 26th & 27th March 2014.
- Presented a paper Entitled **"Prevention of MAC ID Spoofing in Wireless networks"**, at the **National Conference on Advanced trends in Computing**, held at Francis Xavier Engineering College, Tirunelveli, on 6th April 2011.
- Presented a paper Entitled **"Efficient broadcasting using store-mix forward method"**, at the **National Conference on Advanced trends in Computing**, held at Francis Xavier Engineering College, Tirunelveli, on 13th April 2010.

3. Faculty Development Programme

- Five days FDP on **"Machine learning and Deep learning – Research and application perspectives"** Organized by S.R.M Institute of Science and Technology, from April 26th to 30th, 2021.
- Fourteen days FDP on **"Entrepreneurship"** Organized by M.E.T Engineering College, Kanyakumari, in association with Department of Science and Technology, Govt. of India from January 20th to February 4th, 2021.
- Two weeks AICTE Sponsored FDP on **"Cyber Forensic Field Kit in cybercrime investigations"** Organized by Francis Xavier Engineering College, Tirunelveli from June 10th to 22th, 2019.
- Two days FDP on **"Partnership and Success"** Organized by SCAD INDIA under the scheme "Psychology of Vision" on April 9th & 10th, 2015.
- Two days FDP on **"SCADFDP"** Organized by Francis Xavier Engineering College, Tirunelveli on August 28th & 29th, 2015.

4. Cisco Networking Academy Certificate

- **Certificate of Course Completion** - For completing the **Cisco Networking Academy®** Introduction to Cyber security course on June 18th, 2019.
- **EMC2 certified Academic Associate**, Cloud Infrastructure and Services.

5. Workshops/ Seminars

- One day International workshop on **"Cloud Computing"** Organized by University of Melbourne, Australia in collaboration with Anna University Chennai on October 20, 2010.
- One day workshop on **"Challenges in Mobile Computing"** Organized by Einstein College of Engineering, Tirunelveli on March 03, 2010.
- One day workshop on **"Research issues and Challenges in Wireless Adhoc Networks"** Organized by Infant Jesus College of Engineering, Tirunelveli on March 26th, 2010.
- Two day workshop on **"Data Mining and Image Processing"** Organized by Francis Xavier Engineering College, Tirunelveli on September 10th & 11th, 2009.

Project Experience:

1. Prevention of MAC address spoofing in wireless networks

- **PG Project**

Duration : January 2011 to June 2011.
Technologies : NS2, Qualnet.
Responsibilities : Literature Survey, simulation, and testing.
Team Size : 01
Project goal : Countermeasures to prevent MAC address spoofing.

2. Integrated office scorecard

- **UG Project**

Duration : January 2008 to April 2008.
Technologies : Visual Studio 2008, Net(C#, ASP), SQL 2000.
Responsibilities : Requirements Elicitation, UI design, coding.
Team Size : 04
Project goal : A system to help organizations track their performance, growth, strengths, and targets using a competency scorecard, balance scorecard & performance scorecard.
