






Muthu VenkataKrishnan, M.Sc., M.Tech., Entrepreneur-IT Specialist-Influencer-Mentor-Career Coach

 muthuviswanath@outlook.com

 www.linkedin.com/in/muthuviswanath

 +91 - 7904 - 093 - 412

 Chennai

Seasoned IT professional and corporate trainer, excels in diverse domains such as **Production Support, Development, Networks, System Administration, and Testing**. Possesses proficiency in **design, Web Technologies, Microsoft Office, VBA Macro Programming, Full Stack Development, and Corporate Training** with a robust **16-year** track record.

Work Experience

2018 - Current Freelancer

Freelance Corporate Trainer, Developer & Automation Test Engineer

As a Corporate Trainer:

- ✓ Assist in **upskilling** IT professionals by **collaborating** with **management** to discern company training needs.
- ✓ Organize and conduct tailored **training** sessions, including **seminars, workshops**, and one-on-one sessions.
- ✓ **Develop** and **execute** a comprehensive training curriculum. Provide **guidance** and support to new hires entering the organization.

As a Developer:

- ✓ In a professional capacity, **analyze** both user and system **requirements** for upcoming websites and applications.
- ✓ **Craft wireframes** to determine optimal layout configurations.
- ✓ Oversee the **coding** process, ensuring adherence to standards, and conduct thorough **functionality testing** to identify and debug any issues.
- ✓ **Collaborate** closely with designers to finalize **UI/UX** elements.
- ✓ Additionally, assess the performance of junior developers to ensure **project efficiency** and excellence.

As an Automation Test Engineer:

- ✓ Assess **business requirements** to formulate the test strategy.
- ✓ Conduct **regression suites execution** and oversee **Automation Framework** design and implementation.
- ✓ Regularly update **Framework** functions and scrutinize **Test Execution**, compiling a comprehensive **Test Execution Summary**.
- ✓ Promptly document **defects/observations** daily.
- ✓ **Maintain** and **inspect** Automation Resources diligently.

2018 - 2018 IBM India Pvt Ltd

Test Lead - Automation & Manual

- ✓ Crafting and adjusting **test designs, processes, cases, and data**.
- ✓ Establishing **protocols** for testing.
- ✓ Generating **Test Execution Reports** and other pertinent management reports.
- ✓ Developing and overseeing **Automation Test scripts** in adherence to standards.
- ✓ Directing and supervising the team, **delegating tasks**, and conducting **routine audits**.
- ✓ Recognizing and raising **project risks/issues** as required.

2014 - 2014 IBM India Pvt Ltd

Backend Developer

- ✓ **Crafted** and refined **BTEQ** scripts for operational efficiency and maintained **Teradata** extracts for the EDWARD system.
- ✓ Conducted thorough **code comparison** prior to production migration and validated **code assessments** for affected scripts.
- ✓ Produced essential documentation including **DB Object workbook, Capacity Planning, Data Copy Request, Stats Master**, and Handover documents as needed.
- ✓ Designed **Informatica mappings** to facilitate the extraction, transformation, and loading of data from diverse source systems.

2012 - 2014 IBM India Pvt Ltd

Production Support - Team Lead

- ✓ Proficiently collected **pertinent data**, conducted essential **investigations**, and delivered thorough **analysis** to address **production challenges**.
- ✓ Produced and distributed daily system health **reports** to **stakeholders**.
- ✓ Orchestrated collaboration with multiple teams to **resolve production issues** while overseeing the Management of the Production Support team.

2003 - 2010 Nehru Memorial College

Lecturer

- ✓ Utilized **differentiated teaching techniques**, integrating **audio and visual activities** to cater to diverse learning styles.
- ✓ Delivered **customized instruction** to ensure all students met expected proficiency levels.
- ✓ **Orchestrated educational outings** to enrich the curriculum.
- ✓ Conducted parent meetings to **review student progress** and tackle any behavioural or academic concerns.
- ✓ **Crafted disciplinary strategies** and provided support to at-risk students.

2000 - 2003 Nissi Solutions

Associate Technical Trainer

- ✓ Proficiently instructed students in the installation, configuration, administration, and troubleshooting of Windows XP and Windows 2003 Server.
- ✓ Skillfully addressed **Network Infrastructure** issues and strategically devised network setups leveraging **Active Directory Services**.

2000 DCPL Software Pvt Ltd

Infrastructure Analyst

- ✓ Provided technical support to the team to address workspace challenges effectively.
- ✓ Executed **infrastructure and administrative tasks** such as backups and maintenance to ensure smooth operations.

Education

2012
SASTRA University

Master of Technology in Advanced Computing

2006
Bharathidasan

Master of Science in Computer Science

Accolades

- 🏆 IBM - Technical Pillars Award - January 2018
- 🏆 IBM - Inquisitive Minds Award - December 2017
- 🏆 IBM - Be Essential Award - December 2015
- 🏆 IBM - Service Excellence Award - July 2015
- 🏆 IBM - ORION Award - December 2014
- 🏆 IBM - Wellpoint Achievement Award - June 2014

Training & Mentorship

Java Full Stack Development:

Trainings Delivered: 80+

- Trained newly hired professionals in Core Java, RDBMS, JDBC, Servlets, JavaServer Pages, Spring, and Spring Boot.
- Developed hands-on coding exercises and real-world project scenarios to reinforce understanding.
- Emphasized industry best practices for scalable and maintainable Java applications.
- Guided professionals in full-stack application architecture and backend development using Spring Boot.

Python Full Stack Development:

Trainings Delivered: 30+

- Provided comprehensive training on Python, RDBMS, PDBC, Django, DRF, and REST API development.
- Enhanced understanding of MVC architecture and microservices implementation using Django.
- Trained professionals on API development and security best practices for web applications.
- Incorporated hands-on projects to reinforce knowledge of database interactions and Python frameworks.

.NET Full Stack Development:

Trainings Delivered: 20+

- Trained professionals in C#, .NET Framework, .NET Core, MS SQL, Entity Framework, and NHibernate.
- Conducted workshops on developing robust and scalable web applications using .NET technologies.
- Provided practical training on ORM frameworks and efficient database interactions.
- Covered API development and cloud deployment strategies.

SDET - Automation Testing QA:

Trainings Delivered: 65+

- Provided comprehensive training in Java, Python, C#, MS SQL, Selenium WebDriver, TestNG, Maven, Cucumber (BDD), Jenkins, and Gatling.
- Focused on writing effective automation scripts and implementing CI/CD pipelines.
- Trained professionals in test automation frameworks and performance testing strategies.
- Emphasized best practices for building maintainable and scalable test automation suites.

Front-End Application Development:

Trainings Delivered: 15+

- Delivered training on modern front-end technologies, including Angular, Express, and React JS.
- Developed hands-on exercises in state management, component-based architecture, and responsive UI development.
- Taught integration of front-end applications with RESTful services and backend APIs.
- Emphasized accessibility, performance optimization, and user experience design principles.

Data Analysis and Data Visualization:

Trainings Delivered: 10+

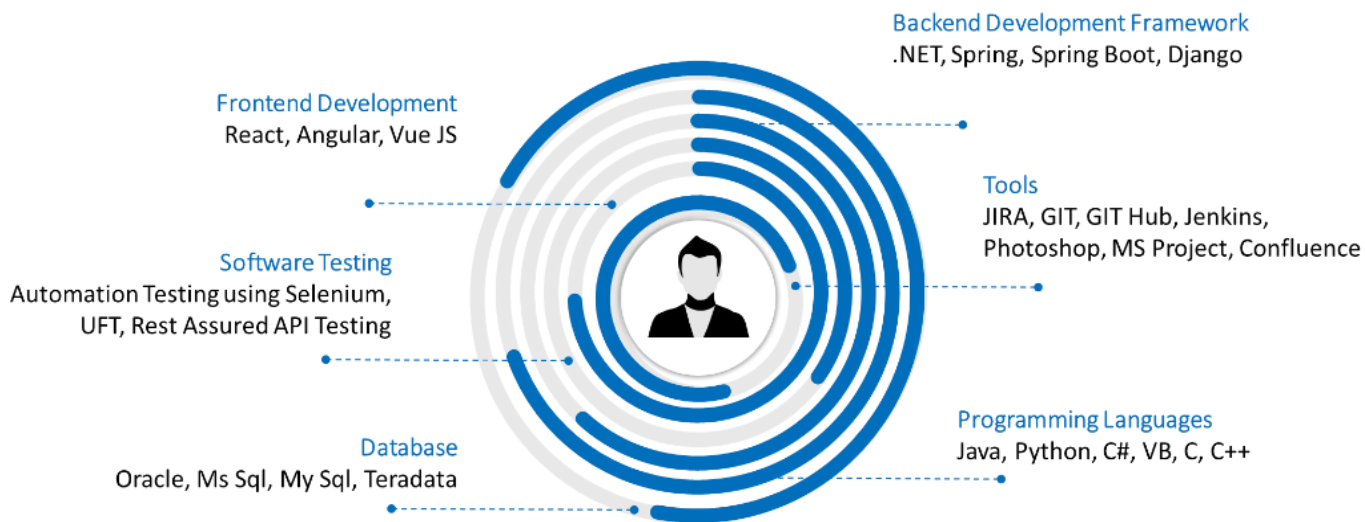
- Trained recent graduates in data analysis using Matplotlib, Pandas, Plotly, and NumPy.
- Provided hands-on experience with real-world datasets and statistical analysis.
- Taught data visualization best practices for effective storytelling and business intelligence applications.
- Covered industry applications of data analysis in decision-making and predictive modelling.

Implementation of Microservices using gRPC:

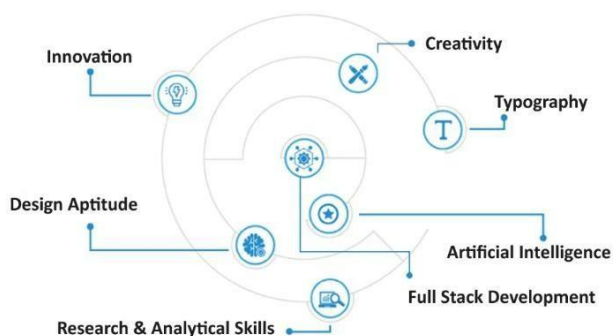
Trainings Delivered: 5+

- Trained professionals in designing and implementing high-performance microservices using gRPC.
- Covered topics including protocol buffers, unary and streaming RPCs, load balancing, and service discovery.
- Provided hands-on training in integrating gRPC with .NET applications.
- Emphasized interoperability, high-speed communication, and best practices for building scalable microservices architectures.
- Trained professionals in gRPC security, authentication, and efficient API contract design for microservices.

Technical Skills



Core Competencies



Certifications

	International English Language Testing System April 2003 British Council		Microsoft Certified Systems Engineer April 2012 Microsoft Corporation Pvt Ltd
	Cisco Certified Network Associate April 2006 CISCO Systems		Professional, Academy for Healthcare Management April 2014 AHP, USA
	DAX Cabling Expert July 2009 DAX Networks		Common European Framework June 2020 British Council

Paper Published

Published the paper on Incremental Cryptography in an International Journal. - January 2012

Clientele

