Muthukumaresan

4694363510

sdhandapani@selsoftinc.com

# PROFILE SUMMARY

## An Oracle Fusion Cloud Functional Consultant HCM, Oracle Fusion HCM Tester, PeopleSoft HCM Tester, IOT Machine Learning Researcher with 21+ years of experience in the IT Services & IT Consulting industry

* Hands-on **consulting and business system analyst/project management experience** in web & mobile applications

## Excellence in Oracle Fusion HCM Core HR, Compensation, Oracle Time and Labour, Payroll and Absence-Payroll modules along with proficiency in PeopleSoft HCM Core HR, Compensation, Benefits, and Help Desk modules

* Proven ability in **creating test cases, test scripts, test plans, testing strategies, and test closure reports** and leading/executing various **testing cycles** like **functional/system integration/regression/user acceptance testing**
* Demonstrated capability to develop and implement **Oracle HCM, PeopleSoft HCM, and web-mobile applications software products as a product owner/business system analyst** and **trained products services to customers**
* Immense experience in **Agile (Scrum) and Waterfall project management** using the **Jira tool** with a comprehensive understanding of **project lifecycle, product lifecycle, and software lifecycle**
* Effective leadership with outstanding analytical abilities, problem-solving, decision-making, and interpersonal skills

# CORE COMPETENCIES

**Business System Analysis**

* Competent in requirement gathering via liaising with the business team through workshops & interviews, identifying gaps, impact analysis, and data analysis. Analyzed and visualized test data using Oracle Reports and Analytics tool
* Altering, updating, and exchanging information on the criteria to ensure that the future state and workflow process scope can be met with high quality
* Executing sprint cycle and UAT release demonstrations. Creating training materials, and guiding end users
* Proficiently using the Jira tool and quality centre to test solutions and manage defects
* Developing solutions with the technical implementation team and testing suggested systems

**Project Management**

* Successful in managing both fixed price and time & materials contract projects
* Proficient in using Waterfall and Agile processes to deliver small, medium, and large-scale projects
* Effective leadership in project management tasks such as creating requests for proposals, estimating and negotiating to complete financial management, project planning, risk management, stakeholder and vendor management
* Strong communication management to report on project performance and progress, and recommend solutions to client and senior management. Utilized MS Project and Office 365 tools to track project status
* Skilled at cooperating with cross-functional teams to identify and address technological difficulties, implement new products using cutting-edge technologies
* Adept at creating project management documentation, statements of work, project charters, and risk register

**Test Management**

* Coordinated daily test operations with the testing team by managing task allocation to them
* Hands-on experience in developing test cases, test scripts, and test matrix
* Adept at creating and estimating writing testing strategy, test plan and test closure report
* Competence in script execution, recording results, reporting errors, and maintaining test suites
* Monitoring team activity, taking part in weekly status meetings, creating work plan reports, and status reports

# SKILLS

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| * Test Management | * Business System Analysis | * Project Management |
| * Test Strategy Development | * Functional Configuration | * Requirement Gathering |
| * UAT Test Scripts Preparation | * Stakeholder Management | * Resource Planning |
| * Functional/Integration/Performance/Regression Testing | * User Stories | * Documentation |

**CERTIFICATIONS**

* PMI-Project Management Professional (PMP), Jan 2023 - Jan 2029
* Certified Scrum Product Owner (CSPO), Nov 2022 - Nov 2024
* Oracle Global Human Resources Cloud 2022 Certified Implementation Professional, Jan 2023

# ACADEMIC RESEARCH TOPIC

* Machine Learning and Smart IOT System Based Explosive Materials Detection Approaches

# RESEARCH PUBLICATIONS

## IoT & Machine Learning

* + Double-pulse stand-off explosive vapour detection system for flexible perilous materials [(Read more>>](https://www.inderscienceonline.com/doi/abs/10.1504/IJCAET.2020.108103))
  + Quantitative Assessment Of Chemical Techniques For Detecting Traces Of Explosives In Environmental MonitoringSystem [(Read more>>)](https://www.researchgate.net/publication/326835202_Quantitative_assessment_of_chemical_techniques_for_detecting_traces_of_explosives_in_environmental_monitoring_system)
  + gED Mobile Based Explosive Detection [(Read more>>](https://www.researchgate.net/publication/305809147_gED_-_Mobile_Based_Explosive_Detection)), gED Network Based Explosive Detection System ([Read more>>](https://www.ijetae.com/files/Volume2Issue9/IJETAE_0912_18.pdf)), gED A Quantitative Approach To Detect Explosives [(Read more>>](https://www.researchgate.net/profile/Muthukumaresan-Balasubramanian/publication/265797602_gED_-_A_Quantitative_Approach_To_Detect_Explosives/links/57a2f15408aeb16048364ecb/gED-A-Quantitative-Approach-To-Detect-Explosives.pdf))

# WORK EXPERIENCE

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| **Designation** | **Organization** | **Duration** |
| Senior Consultant | Skillmine Technology Consulting, Bengaluru, India | Jun 2020 - Till Date |
| Senior Lead Consultant | MyTech Global Private Limited, Bengaluru, India | Nov 2019 - Feb 2020 |
| Project Manager | Embitel Technologies, Bengaluru, India | Jul 2019 - Sep 2019 |
| Techno Functional Specialist - HCM | Datavail Infotech, Bengaluru, India | Apr 2019 - Jun 2019 |
| Lead Consultant | Euclid Innovations Private Limited, Bengaluru, India | Dec 2016 - Feb 2019 |
| Project Manager | GNTS Technologies, Coimbatore, India | Jul 2013 - Nov 2016 |
| Senior Consultant | Capgemini, Chennai, India | Aug 2010 - Jun 2013 |
| Product Specialist | Scope International, Chennai, India | Mar 2008 - Jul 2010 |
| Project Lead | ADP, Hyderabad, India | Aug 2006 - Feb 2008 |
| Associate | Covansys, Chennai, India | Dec 2003 - Jul 2006 |
| Information Technology Lecturer | Vel Group of Educational Institutions, Chennai, India | Jun 2001 - Nov 2003 |

**PROJECTS**

**Project**

**Client Responsibilities**

**At Skillmine Technology Consulting | Jun 2020 - Present**

**Oracle Cloud Fusion - UK Legislation implementation including Core HR, Compensation, Payroll, Oracle Time and Labour, Payroll - Absence modules**

**TESCO, UK**

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Using the Jira platform to record technical specs as user stories for new and current features Preparing UAT test scripts based on user stories after analyzing the technical requirements and user stories

Working with the engineering and testing teams to make sure user story sprints are published on time

Collaborating closely with stakeholders to determine spring release dates, gather requirements, and prioritizations

Efficiently using the Jira tool to manage the defects and create a test strategy, run test scripts, and integrate UAT/integration scenarios

Participating in the execution of tests and functional configurations. analyzed and visualized test

data using Oracle Reports and Analytics tool

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| **At MyTech Global Private Limited | Nov 2019 - Feb 2020** | |
| **Project** | **Oracle Cloud Fusion support that includes Core HR modules** |
| **Client** | **Oracle SSI, UAE** |
| **Responsibilities** | * Took part in requirements gathering and functional configurations * Executed various testing such as functional, integration, performance, and regression testing * Proficiency in the creation of test scripts, functional test results, test strategies, and test closure reports * Utilized JIRA to report bugs and ensure their resolution |

**Project**

**Client Responsibilities**

**At Embitel Technologies | Jul 2019 - Sep 2019**

**Human Resource Information System (HRIS) implementation in ERP Oracle Cloud Fusion that includes Core HR modules**

**Embitel, UAE**

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Directed the technical team and the quality assurance team to offer high-quality products & services

Created and managed infrastructure architecture processes

* + - Monitored risks to reduce technical issues, and also created mitigation and backup methods
    - Coached, mentored, and planned training & development for teams to meet business requirements
    - Collaborated with several technical teams in different locations to swiftly identify solutions to challenging technological issues

**Project**

**Client Responsibilities**

**At Datavail Infotech | Apr 2019 - Jun 2019**

**Human Resource Information System (HRIS) implementation in ERP Oracle Cloud Fusion that includes Core HR, Absence and Payroll modules**

**Datavail, Canada**

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Worked on requirements gathering and functional configurations

Performed functional, integration, performance, and regression testing

**Project**

**Client Responsibilities**

**At Euclid Innovations Private Limited | Dec 2016 - Feb 2019**

**Oracle Cloud Fusion HCM and PeopleSoft HCM implementation that includes Core HR, Payroll modules**

**Wells Fargo, USA**

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Created user acceptance test cases based on use cases, functional design documents, and business requirements documents

Prepared organization structure and completed setup configuration in Oracle Fusion Application Supported UAT and participated in various testing like functional, regression, integrated testing, and defect resolution

Frequently updated the technical engineering team and stakeholders on project progress

# PREVIOUS PROJECTS

**Project**

**Client**

**At GNTS Technologies | Jul 2013 - Nov 2016**

Custom ERP implementation, Web and Mobile applications in Core Java, PHP, .NET, API, Android and iOS technologies

SAARC Cases, SAV3, MechSoft, ARIES group

**Project**

**Client**

**At Capgemini | Aug 2010 - Jun 2013**

PeopleSoft HCM/CRM implementation that includes Core HR modules, inbound and outbound interfaces

Royal Bank Scotland, UK

**Project**

**Client**

**At Scope International | Mar 2008 - Jul 2010**

PeopleSoft HCM implementation that includes Core HR modules, Benefits, Payroll, inbound and outbound interfaces

Standard Chartered Bank, UK

**Project**

**Client**

**At ADP**

Human Resource Information System (HRIS) implementation in PeopleSoft HRMS, SQR, SQL ADP, USA

**Project**

**Client**

**At Covansys**

PeopleSoft HCM implementation in PeopleSoft HRMS, People Tools 8.12, People Code, SQR 6.1, Oracle 8.1.7

Hewitt Associates, USA

**EDUCATION**

* Ph.D. in Computer Science and Engineering from St Peter's Institute of Higher Education and Research, India - 2022
* Master of Technology in Computer Science and Engineering from PRIST University, India - 2010
* Masters in Computer Application from Bharathidasan University, India - 2000
* Bachelor of Science in Physics from Madurai Kamaraj University, India - 1997