

Shwetank Shivhare

Tech Lead/ Programmer

Singapore

 www.techguy-shwetank.com

 +65 94864117

 shwetankshivhare@gmail.com

 www.linkedin.com/in/shwetank-shivhare

 <https://github.com/shwetankshivhare>

- 12+ years of IT experience, specialization in **SOA Architecture, Microservices, Spring Boot Framework, Java, Python, R, Machine Learning, Big Data- PySpark and Spark SQL, Database – Oracle, MSSQL, MariaDB and Tibco set of tools.**
- Fast prototyping, feasibility studies, specifications, and implementation of data analysis product component.
- Experience in creating **Machine Learning Model/ Rule Based Model for complex business requirement** and automating the whole process of **ingestion, transformation of data and model lifecycle.**
- Technical skills also include **TIBCO integration suite BW -5.X and 6.X, complex event processing suite and bpm.**
- Experienced in preparing project plans, estimation, costing, work allocation and resource loading.
- Experience in **XML, JSON, Web Services, SOA, Micro Services, Cloud Services–Pivotal Cloud Foundry and Open Shift.**
- Experience in in-memory database and messaging service like JMS and RV.

Experience

Assistant Vice President, DBS Singapore

Singapore, June 2020 – till date

- **Subject Matter Expert and Tech lead** for Credit Scoring Model (CSM) application. CSM contains 88 applications which are working together to generate credit score. CSM comprises of many models for SME and Country, and it generates the risk rating and probability of default. CSM is a backend application, developing new models in Spring boot and Python using MariaDB (RDMS) hosted on cloud services provided by Pivotal and we use Pyspark and Spark SQL in Big Data (Hive).
- Responsibility included handling of end-to-end technical delivery of projects and team of 6 from Singapore, India, and China.
- Experience includes working in over 200 apps for development and delivery, using various tech stack like Java, Spring boot, Python, R and Kotlin.
- Developed more than 20 models in bank.
- Designed and developed REST-based microservices using Spring Boot, Spring Data with JPA, Python-flask framework in cloud.
- Creation of models on big data platform using pyspark with full lifecycle from base data ingestion to displaying result in any custom UI built using spring boot.
- Migrated existing monolith applications into microservices architecture and deployed them to Pivotal Cloud Foundry.
- Migrated database from Oracle to MariaDB with over 12K objects.
- Created fresh infrastructure and completed migration from Solaris to Linux for legacy apps as part cost saving initiatives.
- Followed TDD (Test-driven development) with Junit and Mockito, supported UAT (User Acceptance Testing), tracked issues in JIRA and used Splunk and Gray Log for log management.
- Built CI/CD development pipelines for Java and Python in Jenkins.

Senior Consultant, Helius Technologies Pvt Ltd

Singapore, Dec 2016 – May 2020

Client: DBS (Development Bank of Singapore)

- Worked as a developer in development of different models for rating of SME loan in bank using Spring boot.
- Worked in creation of full life cycle of machine learning model called CRANE. It uses supervised learning to calculate the probability of customer going to default in next 1 year. Used XG Boost Algorithm for the same.
- Worked in Sticky Deposit machine learning project, to understand the sticky deposit in bank.
- Successfully completed the migration of Tibco BE to spring boot.

Lead, Opus Software Technologies Pvt Ltd

India, Sep 2015 – Nov 2016

Client: Western Union.

- Joined as Tech Lead from offshore, worked in creation of business logic in Tibco BW6.3 and Java for transactions in Profile Service WU.
- Worked in various migration project of BW 5.13 to BW 6.3. Mentored team to work in BW 6.3.
- Responsible for requirement analysis, design, implementation, and performance improvement.
- Earned appreciation certificate from WU.

IT Analyst, Tata Consultancy Services

India, Jun 2014 – Sep 2015

Client: JetBlue

- Worked as project lead in Customer, Crew and Flight Domain. Had team of 22 developers.
- Created various application (Auto Check-in, Wheelchair SSR, Flight Status Notification for Traveller-FSNT, Pooler Service, Flight Domain) using Tibco BW and BE.
- Worked in end-to-end life cycle of project starting from design to production support.

System Engineer, Tech Mahindra Limited

India, Feb 2011 – May 2014

Client: British Telecom (BT)

- Was SME of WFMT (Workflow Management Tool) Ethernet product.
- Created many software components of Ethernet using Tibco BW, Tibco BPM and Java, J2EE.
- Takes part in code review of own work as well as peer reviews.
- Assists in design by giving appropriate design review comments during design walk-through. Co-ordinates with various teams for resolving issues and understanding the root cause.

Education

Bachelor of Engineering

Computer Science

2010

Technical Skills

Java 8/11, Spring Boot, R, Python, PySpark, SAS, Oracle, Maria DB, Linux, Octave XML, XSD, JSON, Jenkins, Maven, Bitbucket, Github, SVN, SQL, Jira, Confluence Tibco Products – Business Works 5.x/6.x, Business Events, Hawk, EMS, Active Space, Administrator, I process, Active-Matrix BPM Swagger, Postman, Gems, SpaceBar, Microservices, PCF, PL/SQL