

Education

California State University, Dominguez Hills

Master of Science in Computer Science

Aug 2022 – Present

Carson, California

Panimalar Engineering College, Anna University

Bachelor of Engineering in Electronics and Communication Engineering

Aug 2014 – May 2018

Chennai, Tamil Nadu

Skills

- **Programming Languages:** Python, Java, C, C++, Angular
- **Integration/Domain:** TIBCO (BW 5/6, BE 5.x/6.x, EMS 8.x), MFT, Mulesoft, SAP, RESTful Services, Microservices, Apache Kafka, CI/CD
- **Web Technologies:** HTML, CSS, JavaScript, jQuery, JSON, XML, XSLT, HTTP
- **Cloud:** AWS, Azure, GCP
- **Tools:** Eclipse, Putty, JIRA, ServiceNow, GitHub, Splunk, Postman, Jenkins, GIT, Pinecone Vector Data Store
- **Frameworks/Practices:** Agile, SDLC, DevOps, MVC, WCF, Django
- **Databases:** Oracle, MySQL, DB2, PL/SQL, Cassandra, Google Spanner

Experience

Software Developer

Tata Consultancy Services

Feb 2022 – Aug 2022

Bangalore, India

- Designed, developed and deployed TIBCO Interfaces and services using TIBCO Product Suite for citibank client.
- Conducted daily health checks on 50+ TIBCO integration points, reducing downtimes by 40%.
- Used Splunk for log analysis, automating workflows to enhance integration solutions.
- Proficient in TIBCO (BW 5/6, BE 5.x/6.x, EMS 8.x), Managed File Transfer, front-end (HTML, CSS, JavaScript, Angular), and back-end (Python, Java, MVC, Django, Flask) technologies.
- Solid exposure in CI/CD pipeline with Git, Bitbucket, Maven, and Jenkins.
- Coordinated with the onsite team for daily development, ensuring seamless project progress, and provided regular status reports to stakeholders, facilitating efficient internal communication.
- Implemented RESTful services using TIBCO BW plugins and activities.

Technology Analyst

Infosys Ltd

May 2018 – Dec 2021

Chennai, India

- Led TIBCO EMS migration to new EPIC servers for 68 Telstra clients, managing hardware/software upgrades for 70+ applications.
- Developed SQL stored procedure scripts for dynamic integration of external tables into Telstra GlobalX's AXE Migration project ensuring ICT Compliance, increasing data processing efficiency by 30%.
- Orchestrated the TCD/TCX Datacenter migration for TIBCO and MFT environments across Prod and Sub-Prod levels, managing over 60+ distinct application environments.
- Recreated queues, topics, routes, and permissions in new EPIC EMS instances.
- Designed and implemented secure MFT jobs using IBM Sterling Integrator for the transmit third-party vendors, including Western Union.
- Collaborated with cross-functional technical teams in a globally diverse model to deliver complex integration projects.
- Experienced in upgrading TIBCO BE/BW/EMS to latest versions 6.2.2/5.15/8.6.06 respectively.

Projects

Optimizing Clinical Decisions

Mar 2024

- Developed an AI-driven solution for healthcare to access clinical texts using Retrieval-Augmented Generation (RAG) with LangChain, OpenAI. Evaluated performance with Trulens.

Sentiment Analysis on Amazon Product Reviews

Nov 2023

- Prepared Amazon product reviews for sentiment analysis using data refining methods like tokenization, stopword removal, and TF-IDF vectorization. Employed models including Multinomial Naive Bayes, Logistic Regression, and Random Forest to classify reviews.

Certifications

- **AWS Certified Cloud Practitioner** May 2023
- **Microsoft Certified: Azure Fundamentals** Feb 2022
- **TCA- TIBCO Messaging** Apr 2021
- **TCP- TIBCO Messaging** Jun 2021