

# James Ballari

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## EDUCATION

**Master's in computer science**, Texas Tech University

May 2024

Graduate Research Assistant at [Institutional Research Department](#) at Texas Tech University.

## SKILLS

Languages:	Java, Python, C#, C/C++
Frameworks:	Spring Boot/Cloud Microservices/security, Jooq, Liquibase, Hibernate, JPA, .Net, Junit, Mockito
Other Technologies:	HTML, CSS, JavaScript/TypeScript, SOAP, REST APIs, React/NextJS, Kafka/Kafka-Streams, JWT, LMAP/MEAN, NodeJS, Elasticsearch, Resilience4J, Bucket4j, Microservice Observability
Databases:	Oracle, SQL Server, MySQL, PostgreSQL, PL/SQL, Redis, MongoDB
Dev & Other Tools:	Git, Bitbucket, SVN, Gradle, Maven, Jenkins, Selenium, AWS, Oracle Cloud, Jira, Bitbucket, Linux/Unix, Postman, Docker, Kubernetes, Agile Methodology, Power BI, Tableau.

## EXPERIENCE

**Software Development Engineer III** – [Tide Business Banking](#) (Financial/Fintech Platform)

Mar 2022 – Aug 2022

- Transformed Microservice APIs by implementing crucial feature toggles related to access, security, caching, and external calls in a distributed cloud infrastructure, thereby facilitating seamless multi-tenant deployments in AWS. Orchestrated the deployment of the first backend services in the UK and India region.
- Conducted analysis and developed a tailored integration linking Google My Business Location for Tide with the Kustomer Application which significantly enhanced the efficiency of business staff users.
- Developed microservices by transforming a monolithic application, specifically targeting enhancements for Accounts, Balances, and Customer Onboarding functionalities to reduce costs and increase service availability.

**Senior Application Consultant** – [DCS Gulf](#)

Mar 2021 – Mar 2022

- Implemented Value-added-Tax (VAT) in alignment with new government regulations for Oman Water Company, by restructuring entities including Billing, Case Lifecycles, and RESTful APIs. Achieved a successful migration of over 95% of users to the new billing system.
- Met varied software needs for Portland General Electric through Integration's between Twilio, SendGrid, Oracle Apex, Oracle Cloud Infrastructure (OCI), Salesforce, OpenText -EDMS, and new custom APIs for automation and efficient management of high-volume daily communications.

**Senior Application Consultant** – [Abjayon](#)

Mar 2020 – Mar 2021

- Led a successful team in delivering software solutions for maintaining Customer, Premise, Device, and Utility Service information. Supervised the introduction of new features in Billing, Miscellaneous Charges, Payments, and external API Integrations, contributing to the seamless launch of Bluegreen Energy's utility service in France & Spain.

**Application Developer II (Staff Consultant)** – [Oracle Corporation](#)

Mar 2015 – Mar 2020

- Received high praise for single-handedly spearheading and concluding a project, offering innovative solutions, and resolving approximately 20 critical requirements/upgrade issues. Addressed challenges such as integrating the Customer Care & Billing Application with the Emirates card reader interface during the pre and post go-live onsite support for Abu Dhabi Distribution Company.
- Built Innovative tools for data warehousing, Cobol Code Analyzing, Notification/Alarm System for monitoring, Automated Application tests and documenting results with screenshots, and Blueprint and package creation processes, improving delivery speed by 70% and saving more than 50 hours per week.
- Engineered robust and efficient RESTful APIs and market utility integrations for Oncor Electric Delivery, supporting over 10 million customers. Facilitated seamless processes for customer registration, service switching, and interactions with many utility service providers, including billing and payments functionalities.

## PROJECTS

- GitHub Projects: Diverse applications, including API mock services and small utilities and games, demonstrating a diverse skill set and expertise in design, development, and innovative solutions.
- Graduate Projects: Trained Neural Network model using Reinforcement Learning for a 2-player game having millions of states, Implemented Information Retrieval System with Document matching (K-means, word2vec) techniques to match Resumes to job postings. AI voice & text Chatbot for finding Restaurants. "Askme" is a College Community project that I Initiated and led.