# Sai Vivekananda
Oracle PL/SQL Developer

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## Professional Summary:
Experienced Senior Systems Analyst with a strong background in translating business requirements into system requirements and designing web-based transaction applications using Agile/SCRUM methodology. Skilled in crafting APIs, executing analysis for medium-sized projects, and documenting objectives, use cases, requirements, and specifications. Proficient in systems analysis, troubleshooting financial web applications, and working with business partners to define project scope. Adept in using JIRA, Confluence, and other tools for Agile project management, with extensive experience in database management, T-SQL/PLSQL queries, and application monitoring.

## Technical Skills:
**Web Development & APIs:** REST APIs, SOAP Webservices, Postman, Insomnia
**Databases:** Oracle, MSSQL, DB2, Sybase
**Programming Languages:** PL/SQL, T-SQL, SQL, Python, Java
**Tools & Frameworks:** Atlassian JIRA, Confluence, Agile/SCRUM, Splunk, Datadog, Adobe Analytics
**Project Management:** Agile project management, Epic and Story creation, Story refinement, Kanban boards
**System Monitoring & Troubleshooting:** Application logs analysis, System performance analysis
**Documentation:** Requirement documentation, use case creation, project planning, risk management

## Employment History:
**PL/SQL Developer**
**Senior Systems Engineer**
**Infosys - Hyderabad, India**
**Jan 2020 - May 2022**

- Analyzed business requirements and translated them into system requirements for various Oracle E-Business Suite (EBS) applications, including AP, AR, GL, PO, FA, and PA modules.
- Collaborated with business and technology partners to define scope and clarify requirements, ensuring project alignment with business goals.
- Executed systems analysis and developed complex PL/SQL queries, packages, cursors, triggers, stored procedures, and functions for financial web applications.
- Utilized JIRA and Confluence for Agile project management, creating Epics, Stories, and refining backlogs to ensure smooth project execution.
- Led the development of APIs and managed integration processes with external services.
- Wrote and maintained detailed documentation for requirements, use cases, test plans, and project objectives.
- Managed multiple concurrent projects and ensured all objectives and deliverables were met in a timely manner.

## Senior Systems Analyst - Oracle EBS Development
**Oracle Solutions Team**
**Eficens Systems - Remote**
**Aug 2022 - Present**

- Conducted systems analysis for financial web applications, analyzing logs, application performance, and user activity to troubleshoot issues.
- Configured content to call various SOAP and REST web services using Postman and Insomnia for system integration.
- Led planning sessions and created Epics and Stories in JIRA, contributing to the development of user stories and ensuring project alignment with business goals.
- Performed data extraction and insertion using complex T-SQL/PLSQL queries to maintain large datasets within relational database environments (Oracle, DB2).
- Analyzed usage volume through Adobe Analytics, identifying trends and areas for optimization.
- Assisted in reviewing Quality Assurance test plans and ensured requirements were met before final product delivery.

## Projects:

### 1. Financial Web Application Enhancement:

- Performed detailed systems analysis on existing web applications, identified performance bottlenecks, and recommended design changes to improve efficiency.
- Wrote complex T-SQL/PLSQL queries to manage large datasets and ensure seamless functionality within financial systems.
- Integrated SOAP and REST web services for improved application performance and scalability.
- Contributed to Agile project sprints, leading story refinement sessions and ensuring timely completion of deliverables.

### 2. Oracle EBS Integration with Third-Party Services:

- Led the design and development of API integrations between Oracle EBS and third-party financial services.
- Managed database schemas, tables, and views, ensuring data integrity and smooth data flow between systems.
- Utilized Splunk and Datadog to monitor application logs and troubleshoot issues, improving application reliability and uptime.

## Full Stack Development Experience:

- Developed full-stack web applications using Python Flask and MySQL, focusing on user authentication, session management, and CRUD operations.
- Designed and implemented relational database schemas in MySQL to manage multi-entity relationships and optimize query performance.
- Built RESTful APIs to support dynamic client-server interactions, including secure data handling and validation.
- Integrated interactive frontend components using JavaScript, Bootstrap, and AJAX for responsive user experiences.
- Implemented real-time notification systems for event-based user updates, ensuring seamless communication across the platform.
- Deployed modular and scalable backend systems to manage complex workflows and enhance application performance.
- Utilized version control with Git to track and manage development, ensuring a smooth collaborative process.

## Certifications:

Oracle Cloud Infrastructure 2024 Certified Foundations Associate

## Education:

**Master's degree in Computer Science**
*University of North Texas - Denton, TX*
Aug 2022 - May 2024 | CGPA: 3.72

**Bachelor's Degree in Electronics and Communication Engineering**
*Amrita Vishwa Vidyapeetham University - Bengaluru, India*
Aug 2015 - Jul 2019 | CGPA: 6.87