SRIKANTH DUKKA

Certified SAFe® AI-Empowered Product Owner/Product Manager

📞 618-803-2919   ✉ dukkasrikanth23@gmail.com   in linkedin.com/in/srikanth-dukka

Summary

Experienced Software Consultant with a seven-year track record of delivering robust, scalable solutions across aviation, payroll, and finance. Expert in the full software development lifecycle and highly skilled in Agile, Scrum, and Kanban methodologies, with hands-on experience using tools like Rally and Jira to manage backlogs and prioritize user stories.

My technical expertise spans full-stack development, including user-centric front-end interfaces with ReactJS and AngularJS, and robust back-end applications using J2EE, Spring, and Hibernate. I implemented high-performance, resilient systems using Docker and Kubernetes for microservices and APIs. I am proficient in designing and implementing REST and SOAP web services, and I manage and optimize data access across diverse databases such as MySQL, MongoDB, and Cassandra.

I have a proven history of designing CI/CD pipelines with Jenkins and leveraging cloud services like AWS (EC2, S3) and Red Hat OpenShift for deployment and monitoring. A strong leader and collaborator, I have successfully managed project priorities under tight deadlines while cultivating strong client relationships and working with international cross-functional teams.

Skills

Project Management and Agile:JIRA, Rally, ServiceNow, Trello, SAFe, Scrum, Kanban, User Story Mapping, Backlog Refinement, Release Planning
Road Mapping tools:Miro
UI/UX tools:Figma
Monitoring Tools:DynaTrace, Heap, Splunk, AppDynamics
Version Control:GIT, SVN, Bitbucket
Technical Acumen:Java, JavaScript, SQL, PHP, HTML5, CSS3, Spring, Hibernate, ReactJS, AngularJS, REST, SOAP, Docker, Kubernetes, Jenkins, AWS (EC2, S3, Lambda, CloudWatch), Redhat Openshift
DataBases:Oracle DB, MYSQL, MongoDB
IDE:Eclipse, Intellij IDEA, Visual Studio
Other Applications and Technologies:Jmeter, IBM Rational Rose, TOAD

Experience

Paychex INC(Code Gravity LLC)   **April 2021 - Present**

Senior Software Consultant

- Authored detailed user stories and defined acceptance criteria for a development team of 8, utilizing JIRA for backlog management and sprint planning.
- Partnered closely with key business stakeholders (Payroll Managers,Clients,flex users) to gather requirements, leading a comprehensive redesign of critical user interfaces using Figma to improve user experience and address pain points.
- Developed and maintained various applications for payroll processing, client relations, worker compensations, payroll managers, payroll imports and Ledgers.
- Collaborated directly with Product Leadership to translate high-level epics and strategic objectives into clear, actionable user stories, participating in story pointing and backlog refinement sessions to optimize sprint planning and team velocity.
- Partnered with Product Owners to translate high-level epics into clear, actionable user stories, participating in story pointing and backlog refinement to optimize sprint planning.
- Guided the technical implementation strategy for modernizing legacy payroll systems by introducing new RESTful APIs and integrating new microservices, facilitating data flow and improving system interoperability.
- Authored and executed a comprehensive suite of automated tests using Selenium, resulting in improved software quality and regression coverage across key payroll applications.
- Enhanced application security by upgrading from the legacy Layer 7 security model to Kong Services, hardening the platform and mitigating vulnerabilities.
- Created a new repository from the ground up and configured CI/CD pipelines which acted as a gateway for injecting new react components to the existing Angular framework.
- Was responsible for creating various Kafka topics.
- Created Heap dashboard to monitor customer journey insights for better understanding of the the pain points.

- Collaborated with the UI/UX team to design and implement new UI components using React, ensuring adherence to design guidelines and a consistent user experience.
- Utilized Checkmarx to proactively identify, resolve, and maintain security vulnerabilities across multiple repositories within the payroll domain.
- Automated the CI/CD pipeline using Jenkins and Docker containers for seamless deployment to OpenShift, significantly reducing manual effort and increasing deployment frequency.
- Functioned as a key liaison between users and the development teams, managing high-priority (P1 and P2) incidents and ensuring rapid resolution to meet or exceed SLAs.

Valtech(RiverPoint management LLC)   June 2019 - February 2021
Software Engineer
- System Time Control (STC) is an application related to time control of aircraft maintenance visits, special inspections, Time controlled components and life limited parts. It tracks time, cycles, days on aircrafts, engines, APUs, LRUs, piece parts etc. Aircraft maintenance visit and special inspection schedules can be tracked, and history of accomplishments is retained.
- Modernized a legacy application by upgrading the core platform from Java 6 to Java 8 and migrating its framework from Struts and Hibernate to a more flexible Spring architecture with Dependency Injection.
- Developed new server-side functionality using Servlets and handled server-side processing without page refreshes by leveraging AJAX, integrating seamlessly with JSP pages.
- Streamlined the CI/CD pipeline by implementing Jenkins to automate build triggers and manage stable releases, significantly improving deployment efficiency.
- Improved code quality and testing processes by implementing JUnit for unit testing and measuring code coverage, with additional load testing handled using JMeter.
- Practiced Test-Driven Development (TDD) by pairing with team members to formulate test cases, which contributed to a robust and reliable codebase.
- Worked directly with the Quality Assurance team to perform comprehensive testing, including smoke testing, performance testing, and user acceptance testing, to ensure high-quality releases.
- Leveraged Rally to improve project transparency and optimize workflows, leading to more efficient sprint planning and successful project delivery.
- Researched and proposed a comprehensive strategy for migrating a legacy OpenLaszlo front-end to Angular, outlining the technical feasibility, identifying risks, and defining a phased, full-rewrite approach to modernize the application for scalability and performance.

EdwardJones(Synapsis Inc)   February 2019 - June 2019
Java Developer
- Assisted in the redesign of the Online Access Architecture (OAAR) by developing new RESTful microservices with Spring Boot and modernizing existing services to enhance user request processing.
- Architected and implemented a microservices ecosystem, enabling greater system flexibility and scalability while maintaining interoperability with legacy Struts and EJB components.
- Constructed and optimized DB2 and Oracle DB queries, utilizing Spring JPA for efficient and reliable data access within microservices.
- Orchestrated the deployment, scaling, and management of Docker containers using Kubernetes to ensure high availability and efficient resource utilization.
- Developed JUnits and utilized the Mockito framework to implement Test-Driven Development (TDD) and ensure high code coverage and quality.
- Used Swagger to document and visualize API endpoints and Log4j to build a comprehensive logging module for effective debugging and application tracing.
- Utilized Git for version control and collaborated with cross-functional teams to maintain source code integrity.
- Addressed and resolved production issues and support calls, using JIRA to track incidents and prioritize tasks effectively.

Synapsis Inc   October 2018 - January 2019
Java Developer
- Engineered a full-stack Java EE application based on the MVC architecture, utilizing Struts for the controller, JSP and JSTL for the presentation layer, and Hibernate for database persistence.
- Wrote PL/SQL queries, stored procedures, functions, and triggers to optimize data access and manipulation in the Oracle database.
- Designed the application architecture using UML to establish a clear and structured development blueprint.
- Implemented client-side interactivity and styling using JavaScript, jQuery, and CSS3 to enhance the user experience
- Used Maven to automate the build process and deployed the application to an Apache Tomcat server.
- Developed a robust logging module with Log4j to aid in debugging and tracing application flow in a production environment.
- Executed manual test cases to validate new features and bug fixes, identifying and documenting defects to ensure product quality.

Education

University Of Illinois - Springfield   **August 2017 - May 2018**
Masters in Computer Science   *Springfield, IL*

Southern Illinois University Edwardsville   **August 2016 - May 2017**
Masters in Computer Science   *Edwardsville, IL*

JNTU- Kakinada   **August 2012 - May 2016**
Bachelors of Technology - Computer Science   *AP, India*