

SRIKANTH DUKKA

Certified SAFe® AI-Empowered Product Owner/Product Manager

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Summary

Experienced Software and Product Consultant with over 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.

Strategic and technical leader with a background in full-stack engineering, specializing in scalable microservices and user-centric architecture. Expert at bridging the gap between engineering, design, and business stakeholders to deliver high-performance products. Proven ability to translate complex technical requirements into actionable roadmaps that drive efficiency and user engagement.

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 and Product 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

Product Consultant

- 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.
- Spearheaded the technical roadmap to modernize a legacy enterprise application, migrating from Java 6/Struts to a Spring-based architecture; improved system scalability and reduced technical debt by 30%.
- Acted as the primary bridge between technical teams and business units to translate complex legacy requirements into modernized server-side functionality (AJAX/Servlets), ensuring seamless business continuity.
- Orchestrated the implementation of an automated CI/CD pipeline using Jenkins, reducing deployment lead times and increasing release stability across the development lifecycle.
- Established a "Quality-First" culture by integrating JUnit and TDD methodologies into the development workflow and overseeing JMeter load testing to ensure 99.9% system reliability.
- 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.
- Architected a phased migration strategy for a legacy OpenLaszlo front-end to Angular, conducting feasibility studies and risk assessments to ensure a scalable, high-performance user experience.

EdwardJones(Synapsis Inc)

February 2019 - June 2019

Tech Consultant

- 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.
- Drove technical initiatives to ensure seamless interoperability between newly developed Spring Boot microservices and legacy Struts and EJB components, mitigating integration risks and ensuring business continuity.
- Oversaw the optimization of data access strategies for DB2 and Oracle databases using Spring JPA, ensuring efficient and reliable data flow within the microservices architecture.
- Led the strategy and implementation for deploying, scaling, and managing containerized applications using Docker and Kubernetes, significantly improving application availability and optimizing resource utilization.
- Established robust quality assurance protocols by integrating JUnit and Mockito within a TDD framework, resulting in high code coverage and improved application reliability; implemented comprehensive logging strategies using Log4j for enhanced tracing and debugging.
- Instituted standardized API governance practices, leveraging Swagger for comprehensive documentation and visualization of endpoints, improving clarity for consuming teams and accelerating integration cycles.
- Utilized Git for version control and collaborated with cross-functional teams to maintain source code integrity.
- Managed production support processes, utilizing JIRA for efficient incident tracking, prioritization, and resolution, ensuring transparent communication and alignment across engineering and business stakeholders.

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

Masters in Computer Science

August 2017 - May 2018

Springfield, IL

Southern Illinois University Edwardsville

Masters in Computer Science

August 2016 - May 2017

Edwardsville, IL

JNTU- Kakinada

Bachelors of Technology - Computer Science

August 2012 - May 2016

AP, India