Karthikeyan Subramanian

Technology Lead | Java Professional

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Karthikeyan Subramanian in

As an agile leader, I inspire and empower teams to develop digital business capabilities by leveraging emerging technologies, fostering a culture of accountability, and harnessing collective intelligence. With 15 years of experience in IT strategy, business transformation, software life-cycle management, and product development, I have a proven track record of success across diverse geographies and domains.

Professional Experience

Technology Lead , Infosys Limited

**Dec 2010 - Jan 2022
India & USA**

Technical Consultant - Retail (Point of Sale)

- As part of a global expansion initiative, I designed and customized a Tax Invoicing System, seamlessly integrating it with government and downstream Finance applications. This involved implementing stitching APIs, automated retry mechanisms, error handling, and a robust reporting system to ensure smooth and efficient operations.
- Conceived, designed and developed an automated solution to identify and publish missing translations for end-user facing messages, ensuring an optimal user experience for global customers and storefront users. This solution was successfully deployed in production with seamless integration, resulting in zero downtime and smooth operations, and significantly enhancing the overall user experience.
- Customized the Payment module to seamlessly support the integration of new and latest Bluetooth payment device models. Additionally, I developed an automated solution to upgrade hardware versions and perform maintenance tasks for different types of payment devices across multiple global stores, all while ensuring zero production downtime. This customization and automation resulted in smooth operations and improved efficiency in managing the payment device ecosystem.
- Received commendation and recognition from clients for successfully delivering seamless improvement solutions in a timely manner.

L2 Production Support Lead - SCM (Warehouse)

- Successfully resolved intricate and recurring problems and implemented improvements promptly and accurately through proactive troubleshooting, root cause analysis, and vigilant monitoring.
- Led and managed a team of 12 recent graduates, providing mentor-ship and guidance to build a skilled production support team and subject matter experts (SMEs). Responsible for creating and maintaining a comprehensive Knowledge Base of articles.
- Assisted L3 Support in handling intricate issues, including conducting site visits to manufacturing sites, collecting production data, addressing end-user concerns, and providing in-depth analysis with statistical insights to ensure adherence to application quality standards and drive enhancements.

Technical Lead - Retail (Online Shopping)

- Successfully devised and implemented a sophisticated sortable algorithm for content management, enabling effective promotion of offers and discounts during sales. Also developed the front-end for input management by the Market team using Struts MVC framework.
- Designed and developed a deployable application with a user interface (UI) for tracking employee data and auditing modifications using Spring and other frameworks.
- Led a team of 5 members, overseeing task management, tracking, and providing mentor ship and coaching to enhance their business and technical skills.
- Customized IBM Web-sphere Commerce and integrated it with requirements, and played a key role in the production roll-out, including obtaining QA sign-off.

Senior Software Engineer, U⋯O

**Mar 2010 - Nov 2010
India**

Developer - Retail (Digital Scales)

- Developed a data migration tool utilizing Java Sockets API, JNI, and Spring MVC to facilitate the pushing of master data and pulling of transactional data from scales connected in the retail store.
- Designed and developed an installation wizard for the application, enabling seamless installation and upgrade of versions in the background, while ensuring zero data loss and zero downtime.

Senior Software Engineer, IBS⋅O

**Jul 2006 - Jan 2010
India**

Developer - Logistics

- Developed multiple modules for seamless synchronization of transactional data across various architecture layers, utilizing J2EE technologies.
- Contributed to load testing and performance tuning efforts, and played a pivotal role in product certification by Sun. Also extensively involved in application tuning as part of continuous improvement efforts.

Technology Stack & Skills

Java · J2EE · RDBMS · NoSQL · Spring · Hibernate · Java frameworks · Micro services · Web serivces · Cloud services · CI/CD tools · REST Services · ALM Tools · Software Architecture · Design patterns · Collaborative Development Environment

Constant edification · Resilient · Collaborative · Adaptability · Contributor · Empathy

Education

Bachelor of Engineering

[Computer Science]

SKCET Coimbatore affiliated to Anna University (2002 - 06)

Achievements

- Recognized as an Outstanding Performer at the unit level in Infosys for HY2013.
- Appreciated by the client and awarded for "Best Resilience" in HY2018 for seamless production roll-over and support.
- Accomplished Sun certified Java Programmer 5.0 with a score of 80%.
- Received the "Best Project 2006" award during B.E in Computer Science and Engineering for implementing 'Motion Segmentation using Webcam' with JMF (Java Media Framework).