R. Joseph Suvak JR, MSITM, MBA

Christiana (Greater Nashville Area), TN · 936-445-8449 · rjsuvakjr@gmail.com
LinkedIn: linkedin.com/in/joseph-suvak-msitm/ · Site: josephsuvak.netlify.com · GitHub:
JosephSuvak | dev-JosephSuvak (main) | hca-JosephSuvak

Professional Summary

Full-Stack Software Engineer & Technical Project Lead with 5-6 years in enterprise modernization, mainframe migration (COBOL JCLs to Java ETLs & APIs), API engineering, CI/CD, and Agile delivery. Specialized in re-engineering legacy systems under tight timelines, translating complex business logic into resilient services, and leading cross-functional execution. Core skills include (but are not limited to): Java/Spring Boot, C#/.NET, Node/Express, React/Vue/Ember, SQL Server/DB2/PostgreSQL. Hold both the MBA and MSITM degrees combining technical mastery with business-required leadership.

Core Skills & Competencies

- **Languages/Frameworks:** Java (5/8/11/17/21), Spring, JSP, C#/.NET Core, Python, Node.js, Express.js, React, Vue, Ember, Flask, HTML5, CSS3, TypScript, JavaScript
- **Data/Cloud/Build:** SQL Server, DB2-SQL, Oracle SQL, PostgreSQL, WebSphere, OpenShift, AWS, GCP, Azure, SVN, Git, Github, GitLab, SVN, ServiceNow
- **QA/Automation:** Selenium, Jest, Nightwatch, Mocha, Chai, Cucumber, Postman, Insomnia, TDD, CI/CD (YAML pipelines)
- **PM & Process:** Agile, Scrum, Kanban, Jira, ADO, Confluence, SWOT Analysis, Google Analytics 3 & 4.

Professional Experience

Software Developer — Mitsubishi Motors North America (MMNA)

Jan 2023 – Nov 2025 | Stack: Java 8+, JSP, Spring Boot, C#/.NET, SQL Server, DB2-SQL, GitLab, SVN, Jira, ServiceNow

- Reverse-engineered COBOL mainframe systems and rebuilt them as Java REST APIs under compressed timelines, enabling phased migrations.

- Re-architected Client Relations system, normalizing data flows and reducing duplication for higher data integrity and operational efficiency.
- Re-wrote BED/FED infrastructure for NHSA reports, improving maintainability and reducing report generation time by 60%.
- Re-purposed personally authored code into a legacy CI/CD packaging tool tailored for WebSphere/RAD deployments, standardizing build and release processes.
- Rebuilt manual search display using native HTML4 and server-side Java logic, creating dynamic, indexed search results without new dependencies.
- Established Agile/Kanban practices, Jira templates, sprint metrics, and documentation standards, fostering a repeatable modernization model.

- Created Dynamic functionality on legacy internal applications utilizing only inherent methods available in HTML4 pages.
- Identified and created new development around internal shared processes.
- Planned, scoped, and budgeted work for the Development team.
- Scoped work regarding migration from a Mainframe to a Java API.
- Scoped work regarding requested functionality
- Worked with stakeholders to understand their needs and incorporate those needs into our Development.
- Identified issues in our user interfaces and curated that experience to make the application more straightforward to use.
- Scoped, planned, and changed the existing application and table mapping to add dimensions to new data.
- Generate SQL Report Extracts to help all the team understand underlying problems, re-scope our work, and solve existing production issues.
- Perform new development around API's to move Development
- Created the organization's Agile and Kanban processes for different workloads and priorities.
- Created Jira Templates for Bugs, Stories, Defects, and Sub-Tasks.
- Created change tickets in ServiceNow for database patches, refreshes, deployments, and development pushes.
- Created internal visual documentation to assist stakeholders in a basic understanding of our current and planned operations.
- Created Project Timelines and disseminated work accordingly.

Key Results: Delivered zero-downtime mainframe cut-over; standardized deployment practices adopted enterprise-wide; accelerated reporting and improved data visibility.

Software Development Instructor — Nucamp, Inc.

Nov 2021 – Nov 2023 | Stack: Node.js, Python, Flask, PostgreSQL, HTML, CSS, JavaScript

- Delivered multiple cohorts in Full-Stack Web Development covering Node.js, Python Flask, PostgreSQL, REST APIs, and deployment pipelines.

- Provided mentoring, feedback, and coaching to improve student understanding of software architecture and code quality.

Application Developer I/II (Full-Stack) — HCA Healthcare, ITG

Jul 2021 – Dec 2022 | Stack: React.js, Vue.js, Ember.js, Node.js, Java 8, Spring Boot, SQL Server, Azure, ADO, Git

- Taught/Instructed/Onboarded new members in a new team.
- Conducted & coordinated cross-team collaboration efforts for different teams within our Patient Application.
- Led offshore resources during a period of transition and mentored on existing functionality.
- Training and development efforts were conducted overnight with the offshore team when required.
- Conducted a POC to translate Ember and Vue repositories into a set of React repositories.
- Created an endpoint to immediately tear down closed user sessions & set to process to trigger via a server-side endpoint.
- Evaluated, disseminated, and provided requirements/ estimates for Sprint ticket planning.
- Integrated new standards around commits on tickets.
- Lead multiple development efforts & guide ticket distribution based on interests, skills, and knowledge level.
- Demonstrated and taught non-technical managers development practices and duties.
- Collaborated on UI, Services, and DB Development with other leads.
- Developed Solutions in Ember.js, Vue.js, React, Node, Handlebars, Java/Spring, CSS, and SQL.
- Analyze and Refine Queries in IBM DB2.
- Wrote multiple SQL triggers to update user & facility data in IBM DB2.
- Assisted in creating templates for differing teams to accomplish their goals.
- Met with Security and Leadership Stakeholders to aggregate agreeable requirements.
- Assisted the product analyst in creating tickets around the login rewrite.
- Practice Git Source Control according to team practices, and advocate for improvements to the current structure.
- Utilized GitHub and Azure DevOps for source control and development.
- Created/expanded API functionality on the Patient Portal.
- Resolved multiple service tickets related to disrupted/ broken functionality across Java-based Services, UI, and Database issues.
- Resolved DevOps issues related to UI compilation and build errors, and addressed longstanding problems about localized development
- Fixed functionalities related to UI vs Services level security issues, Analytics, and browser-rendering various problems.

- Ported CDNs from other enterprise areas to the Patient Portal & distributed across different environments [based on equivalence]. Can include using Java and C#.
- Wrote API Functionalities to handle services in an enterprise environment.
- Utilize ServiceNow/ Service-Central, Azure DevOps, Jira, and Confluence Systems to record and document service tickets.
- Created ticket templates for the development, QA, and product teams to understand all the moving parts of the ticket and created proper awareness/ documentation of issues.
- Document Tickets based on the outlined Technical Documentation.
- Develop solutions from Test-Driven Development.
- Presented SWOT Analysis for Analytics and Security-based projects.

Associate QA Test Analyst — HCA Healthcare, ITG

Mar 2020 – Jul 2021 | Stack: C#, Java, Selenium WebDriver, Node.js, Jest, Axios, SQL

- Automated functional and regression tests for healthcare web applications using Selenium, Postman, and Rest-Assured.
- Developed API test automation in Node.js/Jest and integrated pipelines via GitHub Actions (YAML).
- Trained business analysts to author Agile-ready tickets and improve dev intake efficiency.

Highlighted Projects & Achievements
- *MMNA: COBOL to Java APIs/ETL's Migration* – Reverse-engineered COBOL logic; delivered phased REST APIs powered via ETL logic in Spring Batch, Talend, and Informatica.
- *MMNA: NHSA Report Rewrite* – Refactored BED/FED infrastructure, reducing overall code complexity and future-proofing the application.
- *MMNA: Client Relations Redesign* – Improved workflows and normalized datasets for business operations.
- *MMNA: Legacy CI/CD Packaging Tool* – Adapted legacy code to automate build and deployment cycles for WebSphere.
- *MMNA: Dynamic Search Display* – Replaced manual search forms with dynamic, indexed rendering using native Java/HTML4.
- *HCA: Mobile Barcode Scanner* – Developed an iOS-based barcode scanning solution; saved ~$19M in hardware replacement.
- *HCA: Session Termination Audit* – Closed 15-minute security vulnerability window via server endpoint along with FED checks to that new endpoint.

- *HCA: MyHealthOne Build Recovery* – Repaired 40+ corrupted DevOps repositories for both Maven and Node versioning issues.
- *HCA: Quick Ticket* – Built QR-based ServiceNow integration for nurse reporting workflows.

Education
- MBA, Master of Business Administration – Western Governors University, 2024
- MS, Information Technology Management – Western Governors University, 2020
- BS, Business Information Technology Management – Western Governors University, 2019
- Professional Certificate, Full-Stack Web Development Boot Camp (MERN) – Vanderbilt University, 2021

Certifications & Leadership
- CompTIA Project+ (Credential ID: COMP001021355994)
- Vice Chairman, Stormwater Appeals & Advisory Board – City of La Vergne
- Office Hours Advisor, Hack for the Community (HCA Foundation, 2020)

Abbreviated Recommendations (From LinkedIn)

"Joseph is a very hard-working person who can manage any Java Based Full Stack Project with ease. We have worked together on several projects, and I found him a highly skilled and dedicated professional. His expertise in the field of Data Reengineering , Data Transformation and Loading has helped our company immensely. He led the Mainframe Migration project successfully that helped company several thousands of dollars , He's also an all-around great guy to work with! I highly recommend him to anyone looking for help on their team." - **Devendranth Thota (Manager, MMNA)**

"I had the pleasure of working with Joseph for a few months at Mitsubishi Motors North America (MMNA), and I found him to be an outstanding colleague. From day one, he helped create a positive team environment with his great sense of humor and kindness, even welcoming me warmly when I first joined the team, which I truly appreciated.

Professionally, Joseph is a naturally curious and analytical person who's always eager to learn, explore, and find better ways to get things done. He consistently seeks

improvement and brings valuable insights to every discussion. Any organization would be lucky to have him, he's a strong professional and an even better teammate."**- Freddy Sequira (Colleague, MMNA)**

"Most efficient is the phrase that comes to my mind when I think about Joseph. He is diligent, a fast learner, and adaptable. He taught himself web service test automation which added much-needed testing efficiency to the project. He is always looking for smart ways to solve a problem.

"We worked well together and as a part of the larger team. When we ran into issues that required research, he was right there with the rest of the team. He put in extra hours without any complaint. Joseph is very personable and enthusiastic about technology. He will be a true asset to any team and I wish him all the best." **- Anupama Juneja (Team Lead, HCA)**

"Joseph is, in one word, tenacious!

He spares no effort digging into problems and figuring out solutions. He's not afraid to jump into the unknown. These are true qualities of a dedicated team member.

He takes his role very seriously and continues to learn and grow. "

- Mohamed Ibrahim (Manager, HCA)