**Tom McNally**

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**Senior Software Engineer**

*Enthusiastic and innovative professional with a sharp technical acumen, passion for software engineering, and 15+ years’ success designing and developing state-of-the-art systems and applications for high-growth organizations.*

**Areas of Expertise**

* Expert knowledge of entire software development process from design and development to testing and deployment. Skilled in translating UX concepts into code, developing new user features, and optimizing coding process. Proficient in crafting code for various web functions, testing the functionality of web applications, and tweaking the code to perfection.
* Proven ability to implement development best practices and ensure compliance with quality standards while working within an Agile environment. Keen expertise in discussing requirements with clients, designing user interface, updating knowledge of technology trends, and integrating client’s feedback.
* Hands-on experience in developing information systems and web services to improve efficiency and propel the achievement of ever-evolving organizational needs. Instrumental in collaborating with developers, designers, clients, and other product stakeholders to enhance product features, functionality, and reliability.
* Quick learner and excellent team leader with a ‘can do’ attitude and ability to propel projects and teams to peak results while working with minimal supervision. Highly Instrumental in building productive relationships with clients, peers, and management. Curiosity to learn and apply new tools and technologies.
* Superior communication, interpersonal, organizational, and problem solving skills. Capacity to work well under pressure, quickly learn job functions, and effectively handle a variety of tasks while remaining detail oriented. Excel in fast-paced and high-growth environments with tight deadlines and shifting priorities.

**Technical Proficiencies**

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| *Languages:* | Java, JavaScript, Groovy |
| *Frameworks & Libraries:* | Spring Boot, Spring Security, Spring MVC, Spring Framework, Struts, PrimeFaces, React, Node.js, Express, Angular, Quartz, |
| *Software & Tools:* | Hibernate, JSF, GitLab, Salt, Gradle, Apache Maven, Elasticsearch, Prisma, Docker, Kubernetes, Kafka, Jasper |
| *SQL Data Sources:* | Oracle, RDS, Redshift, PostgreSQL |
| *Other Technologies:* | CI/CD, AWS, ServiceNow, Splunk, Junit, Spock, Selenium, Okta OIDC, Azure OIDC, CSS, HTML |

**Professional Experience**

NTT (Formerly Solutionary), Omaha, Nebraska

**Senior Software Engineer** (2007 – Present)

*Technical Scope: CI/CD, GitLab, SALT, Groovy, Spock, Selenium, WhiteHat, SonarQube, Nessus, SAINT, Qualys, Spring MVC, PrimeFaces, JSF*

Design, develop, and maintain business-critical ActiveGuard Platform and web-based applications using various programming languages and tools. Hold concurrent responsibility for discussing requirements with users, designing user interface, planning user experience, collaborating with other team members, performing extensive testing, updating knowledge of technology trends, and integrating client / user feedback. Serve as a subject matter expert for building and continually supporting web applications leveraging Spring technologies within an Agile environment.

*Key Achievements:*

* Provided leadership and results-oriented training to junior team members to stimulate peak performance, drive professional development, and maximize productivity.
* Improved application performance, reliability, and scalability by migrating the application from Spring MVC to Primefaces and JSF within six months.
* Conducted extensive JUnit and performance testing using Groovy, Spock, and Selenium and ensured seamless integration due to CI/CD while using GitLab and SALT.
* Developed RESTful and SOAP web services and remediated WhiteHat, SonarQube, Nessus, SAINT, and Qualys scans.

First Data Resources, Omaha, Nebraska

**Software Engineer** (1998 – 2007)

Accountable for building and supporting a web application using Struts 1.1 and JSP/Servlet technologies to service First Data’s credit card customers. Coached and trained all new Level One Software Engineers, provided overarching support, and supported Oracle and Mainframe data sources.

*Key Achievements:*

* Created an XML API prior to existing web service frameworks being used with digest authentication.
* Ensured service availability and access to all of First Data's clients by building a web version of the PegaSystems customer service application.
* Built and maintained the reputation of a ‘go-to’ person for all production-related issues and implementation of improvement initiatives.
* Produced high-level design documents, technical design documents, requirements documentation, and use cases ensuring compliance with First Data's software development methodology.
* Successfully implemented organization's own version of the MVC model and created JUnit and performance testing.
* Gained hands-on experience in software engineering methodologies and application development best practices and developed communication, team building, problem solving, and interpersonal skills.

**Education & Credentials**

University of Kansas, Lawrence, Kansas

**Bachelor of Science Degree, Molecular Biology** (2019)

— Professional Certifications —

A+ Security Certification | Angular Certification