Dakota Kramer

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Summary

Product- and value-oriented Senior Software Engineer with 12+ years of experience building both 0-to-1 and large-scale systems. Skilled at driving product vision and delivering high-impact, scalable solutions by collaborating with Product, Design, and customers. Strong technical judgment in architecting end-to-end systems, real-time data pipelines, and cloud-native microservices.

Skills

Languages & Frameworks: Java, C#, Python, JavaScript, TypeScript, React, Spring Boot, Spring, HTML5, CSS/LESS, Emotion JS

Databases: SQL, DynamoDB, Elasticsearch, MySQL, NoSQL, Event Sourcing

Cloud & DevOps: AWS, GCP, Kubernetes, Docker, Gradle, Maven

Data & Scale: Real-time Data Pipelines, Event-Driven Architecture, Pub/Sub, REST APIs, OpenAPI

Practices & Tools: Agile/Scrum, 0-to-1 Product Development, Cross-Functional Collaboration, Automated Testing, Security, Section 508 Accessibility

Experience

ZeroEyes — Senior Software Engineer

Remote | Apr 2024 – Present

- Expanded business partnerships by 30% through integrations with six major external systems.
- Cut security vulnerabilities by 50% via proactive remediation and modernized practices.
- Improved uptime and scalability by decomposing a monolithic system into microservices.
- Boosted test coverage by 400% through adoption of modern test-driven architecture.
- Implemented Scrum best practices to reduce ticket lifecycle time and improve requirement clarity.
- Mentored junior developers and taught modern application architecture reducing the number of bugs in releases by half.

TechTarget — Senior Software Engineer

Remote | Nov 2023 – Apr 2024

- Built feature flag library enabling A/B testing and reversible schedulable releases.
- Led migration of core systems into microservices for improved scalability and uptime.
- Increased opportunity data by 30% with Salesforce and Workato integrations.
- Reduced development overhead by 50% via refactored OpenAPI specs and decoupled services.
- Resolved key security vulnerabilities identified through SonarQube.

Widen / Acquia — Senior Software Engineer

Remote / Madison, WI | Jan 2019 – Nov 2023

- Developed a new product from scratch unlocking $9B total addressable market in Product Information Management.
- Accelerated release speed and reliability by 300% with automated testing and coding standards.
- Designed event-driven and event-sourced architectures (CQRS) ensuring customer data integrity.
- Enhanced developer productivity with TypeScript and Emotion JS for type-safe codebases.
- Delivered fast, reliable search with DynamoDB, MySQL, and Elasticsearch at scale.
- Abstracted complex microservices into Public APIs simplifying customer integrations.
- Collaborated with product managers and stakeholders to deliver customer-first features.

Great Lakes Higher Education / Nelnet — Senior Software Engineer

Madison, WI | Apr 2015 – Jan 2019

- Owned full-stack development of a Java Spring web application serving call center operations.
- Delivered low-latency search using DB2 Native Stored Procedures and MyBatis.
- Guided team as Security Advisor, remediating vulnerabilities using SonarQube.
- Served as Accessibility Advisor ensuring Section 508 compliance across applications.
- Collaborated with stakeholders to prioritize issues and deliver high-impact solutions.

Hewlett Packard — Developer II

Madison, WI | Feb 2012 – Mar 2015

- Maintained and enhanced a vaccine registry system.
- Designed normalized transactional SQL databases and data marts for optimized retrieval.
- Developed a predictive vaccine ordering system streamlining customer workflows.
- Implemented SOAP web services for real-time registry updates and reduced deduplication issues.
- Generated vaccination reports with JasperReports and iReports.

Education

Madison Area Technical College — Madison, WI
Associate of Applied Science Degree, Web Analyst/Programmer
Honors: Dean's List Spring 2012 | Graduation: May 2012