



# Krista Nittmann

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## LINKS

- <https://www.linkedin.com/in/kristanittmann/>
- <https://krista-nittmann.me/>
- <https://github.com/knittmann>

## PROFESSIONAL SUMMARY

Java/Cloud Engineer with experience in developing backend APIs in an AGILE development environment. Motivated by a passion for using code to enhance people's lives and businesses. Regarded as hard-working, reliable, and an engaged team player with a commitment to continuous improvement and learning. Adapt easily to new technologies and learn quickly.

## SKILLS

- Java, GoLang, JavaScript, React
- Spring/Spring Boot
- MySQL
- HTML - CSS
- Visual Studio Code - IntelliJ - Eclipse - Xcode
- JIRA
- Git - GitLab - GitHub
- Gradle - Maven
- CI/CD
- AWS: EC2, IAM, SQS, EC, S3, Lambdas, CloudWatch
- Terraform
- Salesforce - CRM Software
- RESTful Web Services, API Development
- Agile, Scrum
- Software Development Tools: JIRA, Confluence

## WORK HISTORY

### SOFTWARE ENGINEER JUNIOR

09/2021 to CURRENT

#### TekBasic/USAA (Contractor) | Remote

- **Infrastructure Modernization:** Collaborated on Build the Business team, leading modernization of current infrastructure through implementation of cutting-edge technology solutions. Successfully improved system efficiency through adoption of cloud technology. Quickly acquired proficiency in new technologies, accelerating project timelines.
- **Software Development Life Cycle (SDLC):** Led full SDLC using Agile Methodology, collaborating in daily Scrum meetings to ensure effective communication and issue resolution.
- **API-First Application Development:** Spearheaded creation of scalable API-First application in Spring Boot, optimizing data transformation processes and reducing processing time.
- **AWS Infrastructure Management:** Created AWS resources such as SQS, ElastiCache (Redis), API Gateway, IAM, Secrets Manager, and more using Terraform Infrastructure as Code (IAC) in Visual Studio Code, ensuring

efficient and scalable infrastructure deployment.

- **AWS Lambda Development:** Contributed to AWS Lambda development in GoLang, enhancing functionality and optimizing serverless architecture for improved performance.
- **Front-End/Middleware Development:** Integrated additional insurance products into the Member Servicing Portal using React/Redux, expanding service offerings and enhancing user experience.
- **Salesforce Customization:** Utilized Apex programming language to customize Salesforce and CRM systems, improving data management and workflow efficiency.
- **Security Implementation:** Implemented robust security authentication measures, including Spring Security, OAuth 2.0, and AWS IAM, ensuring user confidentiality and preventing unauthorized access.
- **Build and Deployment Automation:** Implemented Gradle build tools, automating creation and deployment of jar files, increasing deployment efficiency.
- **Version Control and Repository Management:** Played key role in version control using GIT and GitLab, implementing best practices, resolving conflicts, and optimizing repository structure for streamlined collaboration.
- **Test Driven Development (TDD):** Executed comprehensive TDD, utilizing JUnit and Mockito for Unit testing, Postman for Integration testing, and Taurus for Performance testing. Identified and addressed critical issues, ensuring high-quality deliverables.
- **Continuous Integration Customization:** Customized GitLab Continuous Integration with tools such as Docker, Scoop, xRay, Postman Functional Testing, unit testing, qTest, Taurus, and Artifactory. Improved CI/CD pipeline, resulting in a significant reduction in deployment time.
- **Monitoring and Troubleshooting:** Monitored and troubleshoot application functionality using Kibana, Layer 7 and Gloo Gateway Logs in Splunk, and AWS CloudWatch in both Pre-Production and Production environments. Proactively identified and resolved issues, minimizing downtime.
- **Code Development and Stability:** Developed scalable and maintainable code, reducing post-deployment issues through implementation of coding best practices.
- **Efficient Code Development:** Developed reusable components, reducing development effort on subsequent projects and contributing to overall project efficiency.
- **Guidance and Mentoring:** Provided guidance and mentoring to less-experienced staff members, contributing to their professional development. Mentored less experienced team members, leading to improvement in their coding proficiency and problem-solving skills.

- **Patient-Centered Care:** Provided evidence-based care to patients, collaborating with interdisciplinary teams to ensure optimal outcomes and reduce readmissions.
- **Organizational Leadership:** Demonstrated strong organizational and time-management skills, effectively managing multiple patient cases and overseeing daily operations.
- **Critical Thinking and Problem-Solving:** Utilized critical thinking skills to assess patient conditions and implement timely interventions, resulting in improved patient outcomes and satisfaction.
- **Documentation and Communication:** Maintained accurate documentation using EHR systems, facilitating continuity of care and enhancing interdisciplinary communication.
- **Team Collaboration:** Fostered effective communication and teamwork among healthcare teams, improving patient care coordination and overall efficiency.

## CHARGE NURSE

01/2007 to 07/2016

### West Jefferson Medical Center | Marrero, LA

- **Supervision and Task Management:** Supervised and managed daily scheduling, tasking, and administration. Implemented efficient scheduling practices, resulting in reduction in scheduling errors and improved overall task management.
- **Professional Development and Knowledge Application:** Actively participated in professional development opportunities, staying current on nursing best practices. Applied newly acquired knowledge, resulting in improvement in daily practice efficiency.
- **New Nurse Training:** Trained new nurses in proper techniques, care standards, operational procedures, and safety protocols. Achieved increase in successful implementation of care standards among newly trained nurses.
- **Monitoring and Intervention:** Monitored nursing care, patient assessment processes, and treatment implementations leading to timely intervention and improvement in patient outcomes.
- **Documentation and Continuity of Care:** Documented information in patients' electronic medical record, relaying critical information to clinicians and care providers. Facilitated continuity of care, resulting in reduction in communication errors and improved patient outcomes.
- **Patient Comfort and Satisfaction:** Promoted patient and family comfort during challenging recoveries, enhancing healing and eliminating non-compliance problems, resulting in improvement in patient satisfaction scores.

## EDUCATION

**Bachelor of Science** | Software Engineering  
**Arizona State University, Tempe, AZ**

12/2020

## PROJECTS

**Enhancing Quote Processing: Modernization to Near-Real-Time API Architecture**

Led initiative to modernize quote processing system, transitioning from nightly batch process to near-real-time API architecture on AWS cloud. Evaluated options including Kafka, but opted for AWS cloud resources for scalability. Split API into AWS portion (Terraform, GoLang) and on-premise segment (API-First Java in SpringBoot) for data privacy and compliance. AWS API Gateway managed external-facing API with two GoLang Lambdas handling payload validation and integration with on-premise API. On-premise API retrieved PII data from vendor, integrated with Salesforce for streamlined quote processing. Resulted in improved processing times, real-time visibility for MSRs, and enhanced customer satisfaction. Pioneered cloud deployment in division, showcasing commitment to innovation and agility. Committed to leveraging solution for continuous improvement and customer value.

**Cloud-Driven Modernization of Insurance Quote Prefill Process**

Led the modernization of generating an insurance quote prefill URL process with external vendors, transforming the Member Service Portal with React/Redux. Relocated business logic to AWS, enhancing scalability and reliability. Implemented sophisticated orchestration using async API Gateway, priming lambda, ElastiCache, and polling lambda, streamlining the overall quote prefill URL process. Resulted in improved portal performance and seamless user experience. Demonstrated commitment to innovation and excellence, aligning technological advancements with business goals.