

# Kyr Nastahunin | Cloud Software Engineer

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## **SKILLS**

- **Frameworks:** Spring Boot, React, Android
- **Programming Languages:** Java, JavaScript, Python, SQL, Groovy
- **DevOps:** Kubernetes, OpenShift, AWS, Docker, Helm, Jenkins, Terraform, Vault

## **EXPERIENCE**

### **Discover Financial Services, Riverwoods** - *Cloud Software Engineer*

AUGUST 2022 - PRESENT

- Modernized legacy banking systems using Spring Boot and React. Resulting in full elimination of human errors for new redesigned processes
- Massively contributed to a company-wide on-prem to AWS + Kubernetes migration improving running costs and increasing deployment and development speeds by designing and implementing new enterprise-wide standards
- Created cloud tools such as Helm Charts, Secrets Manager, Golden Images used by 300+ teams for 1000+ projects standardizing Kubernetes deployments and reducing onboarding and maintenance effort
- Designed and implemented features in high-traffic apps with Spring Boot and React that replaced tasks taking hours of manual, error-prone labor with 5 minute self-service features
- Created company-wide documentation, diagrams, and education articles which were made mandatory onboarding material, and allowed teams to onboard new engineers using self-paced guides and trainings, improve code quality, and document new features

### **Discover Financial Services, Riverwoods** - *Software Engineering Intern*

JUNE 2021 - AUGUST 2021

- Designed and implemented a new cloud native feature for the customer communication systems to use handwritten to text conversion with AWS Textract
- Implemented module to perform automated mail and email validation to eliminate human errors and improve PCI compliance, using Spring Boot, AWS and Kubernetes

## **EDUCATION**

**University of Illinois at Urbana-Champaign, Urbana, IL** - *Master of Computer Science* | **4.0 GPA**

MAY 2022 - MAY 2023

**University of Illinois at Chicago, Chicago, IL** - *Bachelor of Science* | **4.0 GPA**

JANUARY 2020 - MAY 2022

## **CERTIFICATIONS & RELEVANT PROJECTS**

- [AWS Certified Solutions Architect – Associate](#)
- [dev.newwaysweets.com](https://dev.newwaysweets.com) - Web store built with Spring Boot, React, Next.js, and Stripe. Deployed to AWS and Vercel, with full automation using Terraform and GitHub actions
- [kyrstreams.com](https://kyrstreams.com) | [GitHub](#) - Video streaming platform built and deployed on AWS. Allows uploading short (up to 2 GB) videos, performs serverless transcoding to HLS with different qualities and stores them on S3. The videos are then served via CloudFront. Also includes a custom video player built with React