

Aditya Jariwala

Chicago, IL | ajariwala24@gmail.com | (317) 795-8984 | [linkedin.com/in/aditya-jariwala](https://www.linkedin.com/in/aditya-jariwala)

Security Clearance: Secret (DoD - Army Reserves)

PROFESSIONAL EXPERIENCE

Capital One | Senior Software Engineer

Chicago, IL | 1/2024 - Present

- Manage real-time affiliate prescreen & acknowledgement APIs handling 37M+ monthly calls with <2% error rate, enabling CreditSesame, NerdWallet, Experian, & CreditWise to present Capital One offers, generating \$100M+ in NPV
- Led in-house prescreen management migration, resulting in a 3.5x reduction in associated spending; currently integrating CreditKarma, which is expected to double Prescreen volume
- Improved Line Management and Balance Transfer services by implementing line-sloping, no preset spending limits, and transitioning from batch to real-time processing, increasing Credit Line Increase approvals by 20%
- Overseeing critical aspects of Discover integration and program onboarding across Line Management and Affiliate Prescreen platforms following Capital One's acquisition of Discover and its payment network

D2iQ | Software Engineer II

Remote, US | 11/2022 - 11/2023

- Launched D2iQ Kubernetes Platform (DKP) Insights to GA - a Kubernetes Platform add-on using machine learning to analyze cluster metrics and generate actionable health insights and performance optimizations
- Built DKP's AI Navigator (now Nutanix Kubernetes Platform AI Navigator, following Dec 2023 acquisition) - a unique AI-powered interface with RAG system enabling natural language interaction with Kubernetes clusters
- Established CI/CD testing & deployment pipelines across the organization, standardizing automated workflows
- Worked on a remote team split between the U.S. and Hamburg, Germany, to quickly and asynchronously ship backend features written in Golang to improve performance and add new capabilities to DKP, driven by direct customer feedback and requirements.

Red Hat | Consultant

Chicago, IL | 8/2020 - 11/2022

- Provided technical consulting to DoD agencies and Federal government clients (e.g., SEC), implementing DevSecOps best practices for secure, efficient operations requiring Secret clearance
- Delivered full-stack development, pipeline/data engineering, and DevOps engineering in line with client requirements. Specialized in OpenShift Kubernetes and Ansible Automation implementations.

EDUCATION

University of Texas at Austin

Austin, TX | 12/2023

M.S. Computer Science (part-time while working) | 3.8 GPA | AI/ML Specialization

- Teaching Assistant - Natural Language Processing
- Coursework in ML, DL, RL, Optimization, NLP, and OS
- Experience using tools such as TensorFlow, PyTorch, & Spark

Purdue University

West Lafayette, IN | 5/2020

B.S. Computer Science | B.S. Mathematics | 3.6 GPA | Honors College

- Machine Intelligence focus

TECHNICAL SKILLS

Languages: Go, Python, Java, JavaScript/TypeScript, Bash

AI/ML: LLMs, RAG, Langchain, Weaviate, TensorFlow, PyTorch, Spark, WindSurf, GitHub Copilot

Cloud & Infrastructure: AWS (Lambda, ECS, Fargate, Glue, S3), Kubernetes, Docker, Helm, OpenShift, Terraform

DevOps & Automation: Jenkins, GitHub Actions, Ansible, YAML, Splunk, New Relic

Databases & Frameworks: PostgreSQL, GraphQL, Spring, Swagger, Node/React, Angular

CERTIFICATIONS

RHCSA, RHCE, RHCKA, AWS Certified Solutions Architect - Associate