

# Nicholas Kingston

**Software Engineer – Full Stack Developer / Data Engineer**

**\*\*\*100% Passionate & Committed for Software Excellence**

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**GitHub:** <https://github.com/ngrifk98>

## TECHNOLOGIES/SKILLS

**Languages** | Python, JavaScript (React/Node.js/JSEX), HTML5, CSS, SQL, Java

**Frameworks & Libraries** | Flask, Jinja, SQLAlchemy, Fetch API, REST API, Kafka 3.2.x, Scala

**Database & Industry Tools** | Command Line, Git, GitHub, PostgreSQL, Microsoft SQL, MySQL, Ai/ML, AWS Q Developer, GitHub Copilot

**Tools/Software** | Jenkins/Azure DevOps CI/CD, Generative AI Interest/Co-pilot/Automation, Agile Scrum & Kanban SDLC, MS Teams, Jira/Wiki/SharePoint

## EDUCATION AND TRAINING

- **BS, Information Systems** - Graduated Cum Laude - UT Arlington, TX – May 2022
- **Certified Graduate Program in Data Engineering** - Purdue University Online – November 2022
- **MS, Information Systems** – Graduated Magna Cum Laude – UT Arlington, TX – December 2024
- **React Developer Certified** – January 2025

## PROFESSIONAL EXPERIENCE

**Southwest Airlines | Dallas, TX**

**Associate Software Engineer**

**May 2024 – Present**

- Developed and enhanced backend functionality for denied boarding reports, including SQL procedure updates and logic validation to ensure accurate passenger compensation data.
- Remediated cybersecurity vulnerabilities across Linux development servers by executing patching and validation using internal UNIX processes.
- Enhanced SQL Server stored procedures with upsert logic for employee data, improving backend reliability in boarding operations.
- Diagnosed and resolved backend Java issues involving failed SQL writes and stored procedure executions, ensuring stable data flow.
- Led validation and service restarts for certificate refreshes across multiple environments, updating Confluence documentation for tracking and compliance.
- Worked with Technology Ground Ops Concourse Team in the areas of Quintiq software, which is for Supply Chain Optimization.
- Actively participated in daily SAFe Agile Scrum meetings and assisted to upgrade & rebuild/redeploy CyberArk Agent, move ID to new CyberArk Safe.
- Worked with AWS services like VPC, Route 53, EC2, S3, EBS, SQS, REST APIs and UI Integration.
- Worked with Jenkins pipeline to develop/unit test/deploy code.

**Perficient | Hackbright | San Francisco, CA**  
**Full Stack Developer**

**June 2023 - October 2023**

- Accelerated Full stack software engineering program
- Developed skills and knowledge across fundamentals of data structures, algorithms, testing, front-end, back-end, and database programming using Python, JavaScript, HTML, Bootstrap.
- Collaborate on pair-programming assignments with cohort colleagues
- Daily lab projects include building databases, testing, utilizing APIs, creating sessions, and specialization in Full-stack Development.

**Sneham Business Solutions | McLean, VA**  
**Mobile App Developer**

**October 2020 – December 2022**

- Collaborated with developers to create apps using Python, Kafka, Android Studio and Java.
- Designed and created the first android app containing menu with link buttons for business providers to various login pages for multitenancy application.
- Utilized EC2 instance using Amazon Web Services and serverless system to control remote desktop service.
- Implemented a data ingestion and processing pipeline in Python + Spark to enable data mining and analytics for a client project for location based weather data.

**AT&T | Dallas, TX**  
**Internship**

**May – August 2020**

- Analyzed AT&T's Customer Connect program for migration into Salesforce CRM for all contact center agents.
- Scoped project for various agent groups consisting of thousands of AT&T care and support agents.
- Updated code for customer connect ordering for AT&T internet services (Fiber) utilizing Microsoft SQL Server backend.
- Participated in agile scrum processes, developed and documented code APIs.
- Acquired business and technical acumen along with professional development through 80 hours of online learning.
- Gained understanding of delivery methodologies (SDLC), Azure DevOps CI/CD Pipelines for Azure code development, testing and deployments.
- Received comprehensive training on security best practices and quality assurance to deliver and resolve customer issues.