

# Harshit Arora



Experienced Software Developer with a strong background in backend development, API design, and data management. Skilled in Java, Spring Boot, and cloud technologies. Currently pursuing a Master's in Data Science to enhance data-driven decision-making capabilities.

Frisco, TX

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## About

Experienced Software Developer with over 3 years of hands-on experience in backend development, API design, and data management. Proficient in Java, Spring Boot, and cloud technologies. Currently pursuing a Master's in Data Science to enhance data-driven decision-making capabilities. Adept at working in cross-functional teams and driving new changes to meet business objectives.

## Work Experience

**Software Developer 2** Dallas, Texas Jan 2023 - Present

Michaels Store Inc. • Full-Time

Led backend development and architecture for customer-facing features including PLCC, Impulse Cart, and loyalty voucher systems, driving secure and performant API design. Designed and implemented resilient offline transaction handling during peak season outages, ensuring fault tolerance and improved checkout reliability. Integrated third-party APIs from Signifyd and Eigen to support fraud protection, chargebacks, and Canadian gift card services. Engineered data purging workflows in SpannerDB for payment transactions as part of GCP cost optimization. Upgraded core services to the latest JDK and Spring Boot versions, achieving 80% test coverage and strengthening system maintainability.

**Software Developer** New York City, New York Aug 2020 - Present

Barclays Services Corp. • Full-Time

End-to-end development of Java methods to perform essential tasks based on business needs. Configured kdb+ databases for new features and data persistence, integrated with Java for a cohesive setup. Performed complete lifecycle for testing and deployments of new components, worked on environment stabilization post-deployment. Worked in cross-functional teams to drive new changes and understand all aspects of the business. Aided in documentation using Confluence and worked with development tools like TeamCity and JIRA.

## Education

**University of Texas at Austin** 2023 - 2025

Master of Science in Data Science

**The Pennsylvania State University** 2016 - 2020

Bachelor of Science in Computer Engineering

## Skills

Java   Spring Boot   MongoDB   SpannerDB   GCP   AWS   Python   React   DynamoDB   Elasticsearch

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