

# Namra Joshi

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## Education

**New England College**, M.S. Data Science and Analytics

Nov 2024 - May 2026

- **Relevant Coursework:** Data Mining, Data Visualization, Web Analytics, Big Data, Machine Learning, Natural Language Processing, Data Science Tools

**San Jose State University**, B.S. Computer Science

Aug 2017 - May 2022

- **Relevant Coursework:** Data Structures and Algorithms, Object Oriented Design, DBMS, Web Development, System Design, Android Application Development, Enterprise Software Platforms.

## Experience

**Bank of America**

Apr 2023 - Present

Software Developer

*Remote*

- Developing and maintaining automated test scripts using industry-standard testing frameworks such as **Selenium**.
- Boosting testing efficiency by **40%** and reducing manual testing hours by **60%**.
- Utilizing Java to write **robust and scalable** test automation code, enabling efficient testing of functionalities.
- Working with the **CI/CD** pipelines to automate the testing process and streamline the code deployment.
- Conducting load and performance testing using **JMeter** to assess the application's scalability and optimization.
- Managing test execution using **Jira** to document test cases, and collaborating with other teams to resolve issues.

**Amazon.com**

Aug 2022 - Mar 2023

Software Development Engineer

*San Diego, CA*

- Owned business projects end to end, including design documents, **back-end development**, and **integration testing**.
- Collaborated with PM and data scientists to address feature requests, bugs, and **user acceptance tests**.
- Designed and deployed **15+ CI/CD pipelines**, automating the code deployment process.
- Created documentation, dashboards, **and updated runbooks** as on-call to improve the operational processes.
- Developed 15 CI/CD automation pipelines for reducing **traffic flow** and efficiently handling client requests.
- Leveraged Knowledge in **Core Java, SQL, DynamoDB, AWS Lambda, CloudFront, S3, API-Gateway**.

## Skills

<b>Programming Languages:</b>	TypeScript, Java, JavaScript, Python, SQL
<b>Web:</b>	React.js, Node.js, Webpack, HTML, CSS, UI/UX
<b>Database:</b>	MySQL, MongoDB, DynamoDB
<b>Data Visualization Tools:</b>	PowerBI, Tableau ,R
<b>Misc:</b>	Git, Unit Testing, RESTful API, CI/CD, Agile, MVC, Docker, AWS, ES6, S3
<b>Soft Skills:</b>	Problem Solving, Leadership Skills, Teamwork, Communication Skills

## Projects

**Abuse Risk Prevention Plugin: Java | DynamoDB | A/B Testing | Git | AWS**

Jan 2023

- Designed, developed, and executed the Advanced Return Resolutions platform in 22 countries.
- Created **CloudWatch** metrics and Carnaval alarms to monitor key metrics based on defined thresholds.
- Reduced Failed Returns Abuse in North America and European Union marketplaces by **78%** in 2022.
- Constructed and implemented **A/B testing** mechanism for assessing the ARP Plugin across 22 marketplaces.
- Restructured the ARP Plugin Mechanism to rectify race conditions observed during **User Acceptance Testing**.

**Amazon's Global ERA Expansion: TensorFlow2 | Sagemaker | AWS | Git**

Oct 2022

- Led ERA's global deployment: trained Email2Risk and Domain2Risk models with **TensorFlow2** and **Sagemaker**.
- Collaborated with a cross-functional team to deploy **CNN-based neural network models** worldwide.
- Monitored **AWS** accounts, efficiently leveraged **version control** resources **Brazil CLI** and **Git** for ERA deployment.
- Successfully deployed the Pangea model and pioneering neural network use cases within Amazon's **ML Services**.