# ANKIT JAGTAP

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## SUMMARY

Software Engineer with 4+ years of experience in Distributed Systems and Enterprise Applications, with a particular strength in Java development. Recognized for slashing manual efforts by 70%, resulting in annual savings of $1M for an investment banking client. Deeply passionate about leveraging AI to drive innovation in content discovery and personalization.

## EXPERIENCE

**State Street Corporation**                                                                                      Burlington, MA
*Software Engineer - SaaS Operations*                                                             August 2022 - December 2022
- Engineered **10+** batch **automation** features for the **SaaS Onboarding** team using **Python**, **Django**, **JSON** and **Jinja** templates
- Automated Azure **Active Directory** & **LDAP** authentication for user groups across **3** network domains and integrated **REST API**
- Constructed a scalable **PostgreSQL** schema using **ORM**, optimizing **query performance** by **30%**
- Developed a robust **CI/CD** pipeline using **GitLab** to automate the build, test, and deployment processes

**Hexaware Technologies**                                                                                                    India
*Software Engineer*                                                                                             July 2018 - July 2021
- Developed web portal using **Java**, **Spring Boot** microservices and **Kafka** for legacy system of an Investment Banking client
- Formulated reusable **Angular** components in **Agile** Software Development Lifecycle to display dashboards with **>80%** efficiency
- Automated **trade settlement** process reducing manual efforts **>70%** and saving **$1M/year** for Investment Banking client
- Spearheaded functional and end-to-end testing using **Kubernetes**, proactively managing defects and automating test cases
- Led L1+L2 **production** support using **Unix** operations on **Linux** and **Ubuntu** for **CTS** payments process of Retail Banking client
- Conducted Unit, Integration and Smoke testing and led **full-scale launches** and rollouts of products resulting **60% less defects**
- Collaborated with stakeholders on **scope trade-off** decisions, **change management** for product release, and **UAT**

## EDUCATION

**Master of Science** in Information Systems, Northeastern University                       August 2023 | Boston, MA
Relevant Coursework: Application Engineering Development, Enterprise Software Design

**Bachelor of Engineering** in Electronics and Telecommunication, University of Mumbai           June 2018 | India
Relevant Coursework: Operating Systems, Structured Programming Approach

## SKILLS

- **Languages:**              Java, Python, JavaScript, SQL, Shell Scripting
- **Web Development:**         Spring Boot, Django, Angular, React, HTML5, CSS3, XML, JSON, YML
- **Enterprise Technologies:** Spring, JMS, JDBC, JSP, Hibernate, Maven, Spring Security, REST, SOAP, OAuth, MVC, IOC
- **Big Data:**               Hadoop, HDFS, Apache Spark, Kafka, Cassandra, Hive, Mongo DB
- **Database:**               DB2, Oracle RAC, OEM 13c, MySQL, SQL Server, SSMS, PostgreSQL, DynamoDB
- **Cloud Technologies:**     Azure, AWS, GCP, Docker, Kubernetes, EBS, ELB, IAM, EC2, EMR, S3, RDS, Lambda
- **CI/CD:**                  Jenkins, Bitbucket, SVN, Git, GitHub Actions, Circle CI, Splunk
- **Test Automation:**        Selenium, Junit, Cucumber, TestNG, Jasmine, Mocha, Postman

## VOLUNTEER

**Abecedarian LLC - Northeastern University**                                                                Boston, MA
*Research Volunteer*                                                                               October 2023 – December 2023
- Spearheaded project focused on the development of **custom GPTs** by integrating Zapier and improve **50%** process efficiency
- Developed a **React**, **TypeScript**, and **Tailwind** CSS-based project by creating scripts to access digital media on Art Lab website
- Facilitated to the extension of the **Unity-based** game, emphasizing **Generative AI** and **Prompt Engineering**
- Retrieved content from social media platforms, leveraging official web **APIs** and **scraping** techniques

**Graduate Student Government**                                                                                Boston, MA
*Technology Lead – Vice President of Technology*                                                     May 2022 - May 2023
- Orchestrated **QA** efforts using **Selenium** and **JMeter** for automated testing, reducing post-launch issues **>25%**
- Achieved **>50%** improvement in KPIs by creating **automation scripts** to test workflows following **BDD** framework
- Managed a team of **7+ members** from Technology committee for **Go-Live** support serving **18,000+** international users
- Enhanced **software quality** ensuring thorough test coverage, reporting results and evaluating readiness, reducing defects by **>20%**
- Identified and solved **15+** customer pain points through user research, **UX** design and **product roadmap** development