

Amruta Mishra

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WORK EXPERIENCE

ITC Infotech (Client: BlackRock)	Austin, TX
Senior IT Consultant	May 2025 – Feb 2026
<ul style="list-style-type: none">Integrating cash collateral management into Aladdin ecosystem using BMS and service-based architecture, reducing memory utilization in monolithic server, and increasing system scalability by 25%.Automating the manual collateral confirmation process with Spring Boot, reducing processing time by 40%, minimizing operational risk and enhancing post-trade efficiency.	
SelectFI	Buffalo, NY
Full Stack Intern	May 2024 – Aug 2024
<ul style="list-style-type: none">Revamped payment estimates applications for 40+ dealership sites, improving user engagement and reducing user navigation time by 20%, utilizing skills in JavaScript, PHP.Engineered a predictive screen for payment plans using Python and JavaScript, increasing conversion rates by 15%.Implemented leasing options in a payment calculator app, leading to a 30% rise in customer satisfaction.	
Bank of New York and Mellon	Pune, Maharashtra
Senior Associate – Full Stack Developer	Jul 2021 – Jul 2023
<ul style="list-style-type: none">Created automated alerting service for setup expiration alerts, reducing manual oversight by 80%.Developed a Spring Boot web service with complex event workflow and 2nd level approval process in 3 weeks.Led development and testing of 10+ web applications using Java, REST API, and Spring Boot following Agile methodologies.Managed end-to-end development of 2 large-scale enterprise web applications serving over 10,000+ users.Spearheaded SWIFT MT to MX conversion, enabling compliance and 30% more transaction formats.Initiated design and implemented 5 microservices, leveraging Kafka for efficient data streaming.	
Bank of New York and Mellon	Pune, Maharashtra
Associate – Full Stack Developer	Jul 2018 – Jun 2021
<ul style="list-style-type: none">Optimized SQL queries and code, reducing report delivery turnaround time by 60% and resolved a P2 production incident, ensuring minimal business impact.Deployed 10+ applications leveraging Docker, App Engine, & Kubernetes streamlining CI/CD pipelines for efficient releases.Leveraged AWS S3 to design a bulk upload feature for seamless file storage, processing, and automated archiving, enhancing data management and scalability.Enhanced reporting application by creating 20+ reports using Spring Batch and Jasper templates.Migrated 5 AngularJS applications to Angular for improved performance and maintainability.Maintained and improved a legacy Java, Spring MVC application, reducing bugs by 40%.Built multiple analytical dashboard/widgets using Highcharts, boosting data readability and decision-making.	

TECHNICAL SKILLS

- Languages & Frameworks:** Java, Spring Boot, REST API, Python, C/C++, SQL, MySQL, HTML/CSS, Bootstrap, JavaScript, TypeScript, Angular, Hibernate/JPA, PHP, Kafka, PyTorch, NumPy, pandas, TensorFlow, Hadoop, Maven, Highcharts/D3.
- Software:** Eclipse, VS Code, IntelliJ, WordPress, GitHub, CI/CD, Docker, Kubernetes, Jenkins, App Engine, Figma, Jira, Confluence, DB2, Linux, Oracle, Google Analytics, AWS S3, Splunk, SonarQube, ServiceNow, Spark, GCP, JSON/XML.
- Additional Skills:** SDLC, Debugging, Object-Oriented Design, Data Structures, Junit, Jasmin & karma.

EDUCATION

Master of Science, Computer Science	Aug 2023 – Dec 2024
<i>University at Buffalo</i>	GPA – 3.63/4.00
Relevant Coursework: Algorithms Analysis & Design, Computer Security, Data Intensive Computing, Machine Learning, Computer Architecture, Modern Networking, Operating Systems, Management of IT Projects, Database Systems.	