

TASNIM SAIDUZZAMAN

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[LinkedIn](#)

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New York, NY

SKILLS

Java, C#, TypeScript, Python, .NET, React.js, AWS (DynamoDB, Lambda, S3, Cloudformation, Cloudwatch, Grafana, IAM, API Gateway), GraphQL, Redux, HTML, CSS, Ruby on Rails, MongoDB, Node.js, Express.js, SQL, PostgreSQL, Webpack, jQuery, Git, Heroku, TDD, OOP, Data Structures and Algorithms, Shopify, Wordpress, CI/CD, Cloud Development

EXPERIENCE

Software Development Engineer

Amazon, Sep 2022 - Present

- Refined DynamoDB queries in the Alarm Deduplicator Lambda, ensuring exhaustive searches for backend data analysis, thereby enhancing service accuracy and reducing duplicate tickets to customers by 66%.
- Implemented comprehensive integration tests using Java within the CI/CD pipeline to validate end-to-end functionality and data flow between backend components (Lambdas, DynamoDB, and S3), improving system reliability and code deployment confidence.
- Streamlined the macOS build process by automating code signing procedures using shell script, guaranteeing software authenticity through digital signatures on generated binaries, and minimizing manual interventions by 80%.
- Developed macOS utilities in Java to gather detailed insights into system processes and network activities, enabling fleet owners to monitor critical system metrics for performance optimization and troubleshooting of devices.
- Authored Correction of Error documentation for high severity service outage by investigating CloudWatch Logs, pinpointing root cause and outlining testing and deployment enhancements, fortifying system resilience and minimizing future incidents.
- Designed and implemented a robust API system in Java for validation and import of custom service configurations, along with a console interface in React, empowering fleet owners with a highly customizable and user-friendly management experience.
- Introduced auto-recovery functionality for KinesisTap using Java and PowerShell, maximizing service uptime in customer fleet devices and reducing customer tickets to team by 25%.

Software Engineer

Thrasio, Sep 2021 - Sep 2022

- Oversaw the migration of 10 new brand domains and websites to expedite acquisitions and quickly start revenue flow.
- Standardized cookie blocking implementation of 1000+ cookies over 150+ sites using TypeScript to dynamically change script tags in sites' header.
- Centralized management of cookie blocking scripts by designing and implementing a Shopify app using Node.js backend and TypeScript/React frontend to inject tailored scripts, allowing Thrasio sites to adhere to legal global internet protocols.
- Enhanced team workflow by integrating automations with Slack to update status of migrations and project completeness.
- Developed a modular and scalable cataloging service system using React and Python, facilitating the integration of GraphQL mutations for adding, updating, and deleting products into the database.

Quality Assurance Analyst

Samsung, Feb 2019 - Apr 2020

- Executed manual and automation tests using functional, regression, and smoke testing methods to launch the US Newsroom website successfully on time.
- Investigated root cause of issues by reporting defects utilizing JIRA to maintain defects and check defect status.
- Built and manipulated web pages for Samsung US Consumer and Business using Adobe Experience Manager.
- Performed manual and automation testing using Java-Selenium and Appium to assist with unit and validation testing.

EDUCATION

App Academy - 1000-hour immersive full-stack web development intensive with <3% acceptance rate

(February 2021)

New York University - BS - Chemical and Biomolecular Engineering

(Jan 2019)

Bronx High School of Science - AP Scholar with Honors

(Spring 2014)