

# RAKIL AHMED | SOFTWARE ENGINEER

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## EXPERIENCE

12/2022 – PRESENT

**SOFTWARE ENGINEER**, INFOSYS LTD. (FREDDIE MAC)

- Analyze Java based backend applications and break them into microservices when applicable.
- Modernize the frontend UI of the internal and external applications using Angular.
- Support the team in maintaining the legacy applications and help clients with any business queries.

06/2021 – 08/2021

**IOS APP DEV INTERN**, PANTSUIT PROFESSIONALS

- Worked in a small team of 5 in a fast paced, agile environment.
- Added authentication to improve application security and user experience.
- Integrated AWS services (S3 bucket) to allow users to upload and store images in the cloud.

12/2020 – 05/2021

**QA INTERN**, VIDERI INC.

- Wrote automated tests for 2+ active products with 95% or more coverage using Selenium.
- Tested 5+ products manually and generated performance and bug reports on them.
- Provided support to the development team while building a complex AWS CI/CD pipeline.

## PROJECTS

**TOKENBID** – A TOKEN-BASED AUCTION SITE FOR VERIFIED USERS TO BID OR START AUCTION

**TECHNOLOGIES** – JAVA (MAVEN), SPRING BOOT, HTML, CSS, JS, AWS RDS, CI/CD (AWS)

- Users can add items (with image, stored in a S3 bucket), and start auction with it.
- PayPal is integrated to allow users to buy tokens (verified users get 250 free tokens).

**BUG OFF** – BUG TRACKER AND (SMALL) TEAM MANAGEMENT TOOL WITH AUTHENTICATION

**TECHNOLOGIES** – MONGODB, EXPRESS, REACTJS, NODE.JS, FIREBASE, AWS (EC2), VERCEL

- Allows the Product Managers to create and assign tickets to employees.
- Supports three types of account: Personal, Product Manager, and Employee.
- Check it out here – <https://bugoff.rakilahmed.com>.

## EDUCATION

08/2018 – 06/2022

**BA – COMPUTER SCIENCE**, CUNY – HUNTER COLLEGE

Relevant Courses: Data Structures & Algorithms, Databases, Operating Systems, Data Science, Artificial Intelligence, Software Engineering

## SKILLS

**LANGUAGES** Java, JavaScript / TypeScript, C++, Python, Swift

**TECHNOLOGIES** MongoDB, Express, ReactJS, Angular, Node.js, SQL, AWS, GCP, Docker, Git