

# Rakil Ahmed

## Software Engineer

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## EXPERIENCE

### Infosys Ltd. (Freddie Mac), McLean, VA - Software Engineer

NOV 2022 - PRESENT

- Analyzing and breaking down Java-based backend applications into microservices where applicable.
- Modernizing the frontend UI of internal and external applications using Angular.
- Providing support in maintaining legacy applications and assisting clients with business inquiries.

### Pantsuit Professionals, New York, NY - iOS App Dev Intern

JUN 2021 - AUG 2021

- Worked in a small, agile team to develop IOS applications.
- Improved application security and user experience by implementing authentication.
- Integrated AWS S3 bucket to allow users to upload and store images in the cloud.

### Videri Inc., New York, NY - QA Intern

DEC 2020 - MAY 2021

- Wrote automated tests for multiple active products with 95% or higher coverage using Selenium.
- Tested 5+ products manually and generated performance and bug reports.
- Assisted the development team in building a complex AWS CI/CD pipeline.

## PROJECTS

### TokenBid - A token-based auction site for verified users to bid or start auctions.

- Allows users to add items and start auctions with them, with images stored in an S3 bucket.
- Integrates PayPal to allow users to buy tokens (verified users receive 250 free tokens).

*Technologies:* Java (Maven), Spring Boot, HTML, CSS, JS, AWS RDS, CI/CD (AWS)

### Bug Off - Bug tracker, and team management tool with authentication.

- Enables Product Managers to create and assign tickets to employees.
- Supports three types of accounts: Personal, Product Manager, and Employee. Check it out at <https://bugoff.rakilahmed.com>.

*Technologies:* MongoDB, Express, ReactJS, Node.js, Firebase, AWS (EC2), Vercel

## SKILLS

*Languages:* Java, JavaScript, C++, Python, Swift

*Technologies:* Angular, ReactJS, Node.js, MongoDB, SQL, Docker, AWS, GCP, Git

## EDUCATION

### Hunter College, New York, NY - BA

AUG 2018 - JUN 2022

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