# Khandker Islam

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## EDUCATION

**George Mason University**

B.S. Information Technology (December 2018)

## CERTIFICATIONS

**Amazon Web Services**

Certified Solutions Architect -- Associate

## WORK  EXPERIENCE

**Forum One** (Alexandria, VA)                                                          *01/2019 - 03/2021*

*Full Stack Web Developer*

- Maintained the AARP livability tool index, livabilityindex.aarp.org and utilized various technologies including NodeJS, ReactJS, PostgreSQL, Docker.
- Converting Vagrant Virtual Machine development environments to Docker development environments to provisioned non-production environments. Configured Docker to work with MySQL, Drupal, Wordpress and NodeJS.  The transition from Vagrant to Docker sped up the development lifecycle greatly.
- Wrote bash scripts for Buildkite, a CI/CD tool intended to replace existing Jenkins pipeline. Helped improve the security of the continuous integration of software.
- Played a key role in the devops operations at Forum One which include, building and deploying services to production, creating and maintaining pipelines, and ensuring stability of services.
- Used HTML, CSS, Javascript, Drupal 7, Drupal 8, Wordpress as an active developer on the support team to maintain various websites on retainer.
- Executed PHP upgrades for numerous client websites.
- Developed ReactJS components for existing client websites including the following: https://www.arkmfa.org/

**Forum One** (Alexandria, VA)                                                          *08/2018 - 01/2019*

*Full Stack Internship*

- Used AWS Lambda functions (Python) to write serverless scripts that utilized Amazon Relational Database Management Systems.
- Developed Javascript module that helps manage the internal booking system.

## COMPUTER SKILLS

Programming Languages: Javascript, C#                    Databases: PostgreSql, MongoDB