

Farhan Zaman

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SKILLS:

Programming: *Proficient:* Javascript(1yrs), Python(3yrs) *Intermediate:* C++(1yr), SQL(1yr)

Software: AWS, Azure, GraphQL, Docker, Google Cloud, Stripe API, Bootstrap, Raspberry Pi, Lego robotics, Git, Jira, Agile, MongoDB, Kubernetes, Bash, Elastic Search, REST API, Rancher, TeamCity, Ansible, Powershell, Jenkins, Terraform

EXPERIENCE

Citrix

Fort Lauderdale, FL(Remote)

Software Engineer

August 2022-present

- Created PowerShell script to use TeamCity city API in order to delete shutdown Azure VMS and resources associated with it by doing so it has saved the company \$1K MoM
- Modeled software solutions to flag Azure resources that were non-compliant with company standardization and triggered alerted the appropriate users resulting in increased application security
- Led cross-functional collaboration to improve efficiency and prioritize essential features and bug fixes during weekly meetings, resulting in a 10% reduction in backlog tasks and ensuring the timely delivery of high-quality software
- Architected Citrix's on-prem Teamcity infrastructure migration to Azure cloud by leveraging Terraform which sped up our migration time from 3 weeks to 2 weeks
- Automated installation of necessary security agents for on-prem and cloud servers by curating Ansible roles resulting in development process efficiency of 27%

SynapseFI

San Francisco, CA(Remote)

Software Engineering Co-Op

Jan 2022-June 30

- Incorporated user interface (UI) functionality into our client-facing Dashboard, which now allows clients to lock specific users in React, resulting in a 30% customer satisfaction
- Developed transaction logic that allowed users to view system trace audit and retrieval reference numbers from numerous card swipes, later used as relational linking to store in the DB with associated transaction details
- Drafted the design of new unit tests using the Pytest framework that improved overall code test coverage from 50% to 70%

AMERICAN EXPRESS

New York, NY

Software Engineering Intern

Jun 2021- Aug 21

- Designed backend tool migrating REST APIs to GraphQL by building 10+ schemas allowing for a 70% increase in API requests
- Built Python scripts that convert regular YAML files into industry-level formatted YAML files decreasing conversion rate by 40%
- Practiced Test-Driven Development with unit test cases for each python file using the Unittest framework that resulted in all code coverage
- Directed the intern team by creating workflow charts and assigned tasks that resulted in a 30% increase in work productivity

HeadStarter

New York, NY

Software Engineering Fellow

Jul 2021- Aug21

- Co-facilitated a group of fellows and taught the adoption of using the Agile methodology to increase productivity rate by 20%
- Studied various Data Structures and Algorithms to solve intriguing problems that resulted in faster pattern recognition
- Constructed lambda Function on AWS that stores data on the backend AWS Database increasing the data retrieval time by 15%
- Produced 3+ web app changes accepted to production using React, AWS, and Rest APIs to open-source projects

PROJECTS

AWS Image Recognition Software

- Implemented AWS Lambda Function to deploy Python to analyze and label objects within an image
- Utilized inclusive image data libraries to meticulously identify objects in a photo along with various environment variables.
- Identified objects within an image with an unmistakable degree of accuracy

Stripe Live Payment Web Application

- Deployed Stripe API to allow concurrent transactions to occur within a sample webpage
- Executed NodeJS to develop a mock marketplace webpage that allows shopping cart and checkout features
- Mapped out an infrastructure that allows users to have secure and hidden transactions

Group-to-group charity

- Published Tip Calculator to the app store with 100+ installs by using React Native
- Leveraged special components and react hooks to control the flow of the UI
- Programmed charity donation feature by fetching data from a charity API and presenting it to the user

CERTIFICATIONS:

- AWS Certified Solutions Architect - Associate (SAA) Issued: 03/23 | Exp: 03/26
- Azure Fundamentals- Issued: 03/23

EDUCATION:

The City University of New York, Baruch College

Bachelor of Science in Computer Science

Coursework: Data Structures, Algorithms, Software Engineering, Database Management, Ethical Hacking, Data Analytics