Farhan Zaman

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SKILLS: Programming: *Proficient:* Javascript, Python,Java | *Intermediate:* C++, SQL
Software: AWS, Azure, GraphQL, Docker, Google Cloud, Stripe API, Bootstrap, Raspberry Pi, Git, Jira, Agile**,** MongoDB, Kubernetes, Bash, Elastic Search, REST API, Rancher, TeamCity, Ansible, Powershell, Jenkins, Terraform, React, Sprint Boot, Type Script, CockRoach DB, Microsoft SQL DB, Jester,Mockito

LICENSES/CERTIFICATIONS: AWS Certified Solutions Architect | AWS Developer- Associate | Azure Administrator Associate

EXPERIENCE

JP Morgan   Jersey City, NJ
Software Engineer   **9/2023 - Present**
- **Simplified Document Management with React and Spring Boot:** Developed client-facing product and hosted on internal cloud, integrated a S3 bucket for heightened security and accessibility of documents. Resulting in a 40% reduction in document retrieval time
- **Reduced S3 storage overflow:** Curated cron jobs to automatically detect and remove expired bare metal documentation from our S3 storage and database, optimizing storage and system performance by freeing up 10% of the current space
- **Optimized testing process:** Updated current unit tests, achieving 70% coverage while adopting Test-Driven Development. Resulted in heightened code reliability and quality assurance standards
- **Improved Front-End Standardization:** Migrated from Angular to React to align with company standards, resulting in a 30% reduction in onboarding time for new engineers

Citrix   *Ft. Lauderdale, FL* **(Remote)**
Software Engineer   **08/2022 - 09/2023**
- **Cost-Saving PowerShell Automation:** 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
- **Security-Driven Software Modeling:** 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
- **Agile Leadership for Efficiency:** 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
- **Cloud Infrastructure Architect:** 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

SynapseFI   *San Francisco, CA(Remote)*
Software Engineer   **11/2021-02/2022**
- **Enhanced Client Dashboard with UI Functionality:** 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
- **Advanced Transaction Logic Development:**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
- **Optimized Code Test Coverage with Pytest:** 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, New York
Software Engineering Intern   **06/2021- 08/2022**
- **Revolutionized API Architecture with GraphQL Migration Tool:**Designed backend tool migrating REST APIs to GraphqL by building 10+ schemas allowing for a 70% increase in API requests
- **Streamlined YAML File Conversion with Python Scripts:** Built Python scripts that convert regular YAML files into industry-level formatted YAML files decreasing conversion rate by 40%
- **Ensured Comprehensive Code Test Coverage with Test-Driven Development:** Practiced Test-Driven Development with unit test cases for each python file using the Unittest framework that resulted in all code coverage

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

EDUCATION:
Louisiana State University   **Present**
　　Master of Business Administration in Emerging Technology

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