Abdal Khan

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EDUCATION
University of Maryland, Baltimore County
B.S. Computer Science – GPA: 3.20   *August 2018 – May 2022*

SKILLS
Programming Languages: Python (Intermediate), JavaScript (Intermediate), AngularJS (Basic), Terraform (Basic), SQL (Basic), Java (Basic), C/C++ (Basic)
Other: Agile Development, Scrum
Other Languages: HTML, CSS/Bootstrap, JSON, XML
Platforms: Windows, Linux
Tools: VMware, PuTTy, Google Colab, Jupyter Notebook, Git, Bitbucket, Github, GitLab, Jenkins, UrbanCode Deploy, SonarQube, Selenium, Confluence, JIRA, Splunk, Github Copilot
AWS: Lambda, Elastic Container Service, Elastic Container Registry, CloudWatch, SQS, SNS, S3
Certifications: AWS Cloud Practitioner

EXPERIENCE
Fannie Mae
Full-time Employee   *July 2023 – Present*
- Developed a script that addressed discrepancies and errors in *Pipeline as Code* configurations to be sent out as an email to the team as a report for remediation
- Refactored application code using SonarQube to enhance efficiency, reliability, security, and expand test coverage
- Developed Jenkins automation scripts for application response testing via email workflows
- Analyzed AWS Lambda and CloudWatch logs to troubleshoot issues within the application
- Remediated outdated container images in Amazon ECR that were reported by RiskWorks/Cyber Assurance
- Tested a UI mockup of a loan application with Selenium

MSHI Solutions LLC
Independent Contractor   *August 2022 – December 2022*
- Web application development hosted on Microsoft Azure using HTML and AngularJS

MSHI Solutions LLC
Independent Contractor   *February 2020 – August 2020*
- Automated photo uploads via Python script integrated with jAlbum through CLI
- Managed website updates and photo uploads via FTP using JavaScript and HTML

PROJECTS
Discord AI Chatbot | Python, Google Colab   *July 2022*
- Wrote an original transcript that was read into a DialoGPT model to create a chatbot
- Connected the Python bot to the Discord API so that users can have a seamless interaction with it

Portfolio Website | HTML, CSS/Bootstrap   *July 2021*
- Designed and optimized a responsive portfolio showcasing personal projects

EPOCH Medical Web Portal | HTML, CSS/Bootstrap, JavaScript   *June 2021*
- Designed a medical web portal that stored patient data and took in medical data
- Consulted with a doctor about issues with the current UI designs of medical web portals and improved the UI on being more user friendly

EKANS: Alternative Snake Game | C++   *December 2020*
- Developed a snake inspired game where the player controls a pellet and avoids the snakes
- Designed a scoring system that would keep count of how many seconds the user was able to stay alive