Ishana Shinde

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WORK EXPERIENCE

ICERTIS | Cloud Dev-ops Intern   Pune, IN | June 2019 – Sept 2019

- Designed and Developed an **AI chat interface** for an internal automation process reducing **90% of the manual task handling.**
- Performed Sanity testing through automation.
- Developed **Powershell automation scripts** and performed task executions for the R&D Team.
- Created **Test Data**, worked on **Batch Execution of Automated Scripts, and Defect Handling.**
- 95% Reduction in the impact on the production system by testing positive and negative scenarios.

Tools: Python, C#, NodeJS, Windows Powershell, Microsoft Azure.

SINHGAD COLLEGE OF ENGINEERING | Organizer, Technical Team Member   Pune, IN | Aug 2018 - Mar 2019

- Organized a Study Jam Session on Google Cloud and its applications for students and professors.
- Assisted 75+ students and teachers in the Labs conducted during the session.
- Provided technical assistance on labs like - Cloud ML Engine Qwikstart, Google Cloud Speech API, etc.

EDUCATION

Master of Science - Computer Science   Faixfax, VA | Present
George Mason University

Bachelor of Engineering - Computer Engineering   Pune, IN | June 2016 - Nov 2020
Savitribai Phule Pune University
GPA: 8.7/10 First Class with Distinction

PROJECTS

INVESTMENT PLANNING AND TAX AUTOMATION USING REINFORCEMENT LEARNING ⬈   Python, Django, Stanford CoreNLP, Custom OCR, TensorFlow, AWS (S3, Textract, Sagemaker).
Implemented and Published the paper "Reinforcing Portfolio Management through Ensemble Learning" as an academic research project to design and develop a single platform that offers customer assistance in tax and investment planning services.

HEART DISEASE IDENTIFICATION ⬈   Python, Flask, Pandas, Numpy, Scikit-Learn, Unittest, Selenium
Algorithm: Random forest, Naive Bayes, K-Means.
Implemented a system that can efficiently discover the rules to predict the risk level of patients based on the given parameters about their health.

PASSWORD PATTERN RECOGNITION USING KEYSTROKE DYNAMICS ⬈   Python, Tkinter, OpenCV, Numpy, Pandas
Implemented a system that will grant user authentication to log in, check for intruders, and ensure the security of the user account.

SKILLS

Languages: Python, Java, C++, C#, PHP, R, C, Windows Powershell
Frameworks: Django, Flask
Databases: SQL, MongoDB, Oracle
Libraries: Pandas, OpenCV, Scikit-Learn, Numpy, Matplotlib
Web Development: React, JavaScript, TypeScript, HTML/CSS
Cloud Platforms: Google Cloud, Microsoft Azure, IBM Watson, AWS
Technology: Git, Apache Tomcat, LaTeX, RapidMiner