

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.
- Worked on **Test Data creation, 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

Faifax, VA | August 2021

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, TEXTTRACT, 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