

PRATICHI

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Education

George Washington University

Master of Science in Computer Science, GPA 3.67/4.0

Jan. 2024 – May 2025

Washington, DC

Savitribai Phule Pune University

Bachelor of Engineering in Computer Science, CGPA 8.71/10.0

Jul. 2016 – Nov 2020

Pune, India

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Web Development
- Data Mining
- Machine Learning
- Database Management
- Cloud Computing
- Software Engineering

Experience

Amdocs Development Centre India LLP,

Software Test Engineer, Client : Comcast MidMarket

Dec 2020 – Oct 2022

Pune, India

- Executed User Acceptance, Regression, Migration, Sanity, Interface, finance, and Unit testing, identifying nearly 45 percent of critical bugs.
- Monitored the Software Defect Life Cycle process and verified over 30 percent of critical defects in pre-production and lower environments.
- Developed test cases for manual testing scenarios in each new release, reducing team efforts by 2 times.
- Collaborated with the automation team to maintain automated scripts using the Ginger tool from Amdocs, increasing the efficiency of the manual testing team by 50 percent.
- Experienced in managing Customer Relations Management issues, resolving more than 75 percent of production and lower environment issues.

Projects

COVID-19 Mortality Prediction , Link | R, Shiny, Machine Learning, HTML/CSS

Apr 2024

- Developed an interactive web dashboard using Shiny Package of R.
- Used linear regression algorithm to build an ML predictive model in R.
- Used animation in R to show the fluctuations of deaths.

Credit Card Fraud Detection Using Machine Learning, Link | Python, Google Colab, ML

Sept 2020

- Used KNN technique to detect the patterns of frauds. The performance of this technique is evaluated based on accuracy, sensitivity, precision, and recall.
- Presented paper in International Journal Of Advance Scientific Research and Engineering Trends.

Technical Skills

Languages: Python, C++, R, HTML5/CSS, JavaScript, MySQL

Developer Tools: Git, VS Code, Jira, Github, Postman

Cloud: AWS (EC2, RDS, VPC, S3, Lambda, IAM, ELB, Cloudwatch, DynamoDb)

Technologies/Frameworks: Reactjs, Flask, Jenkins, SQL Developer, Oracle data modeler, Customer Relationship Management, Unix, SoapUI, Rally, Dbeaver

Certifications

AWS Academy Cloud Foundation, Link

Microsoft Technology Associate : Security Fundamentals (MTA), Credential ID H029-1608

Leadership/Awards/Extracurricular

Rookie Rock Star Award

Mar 2022

Link

Amdocs, India

- Recognized for demonstrating exceptional performance early in my career with the Rookie Star Award.

Star of the Month Award

Jul 2021

Link

Amdocs, India

- Praised by Comcast client for tremendous dedication and commendable work.