

EDUCATION

Northeastern University, Boston, MA

Expected Dec 2021

Master of Science in Information Systems

GPA 4.0/4.0

- Related Coursework Application Engineering & Design, Program Structures & Algorithms, Data Architecture and Business Intelligence, Data Science Engineering Methods, Data Management & Database Design

Visvesvaraya Technological University, Bangalore, India

Jul 2011

Bachelor of Engineering in Information Science

TECHNICAL SKILLS

Testing:	Automation, Functional, Integration, Database, Regression, System, Medical devices
Tools:	Selenium, Jenkins, Amazon Web Services, Microsoft Office, Anaconda, Talend
Programming Languages:	Python, SQL, Java, JavaScript
Visualization:	PowerBI, Tableau, Matplotlib, Seaborn
Collaboration Tools:	Jira, HP Quality Center 10.0, Confluence, git
Database:	Oracle 10g/11g, PostgreSQL, MySQL, SQL Server Management
Soft Skills:	Problem solving, written & verbal communication skills, quick learner, critical thinking

PROFESSIONAL EXPERIENCE

Medical Devices Tester – Siemens Healthineers, United States

Oct 2019 - Dec 2019

- Responsible for functional testing of the UniPOC system and validated the state of the device by running regression tests
- Drafted protocols using software requirement specification & wrote test reports to ensure compliance
- As part of the agile scrum team, participated in daily standups, sprint planning, review and retrospective

Staff Engineer 1 (Automation Tester) - NextGen Healthcare, India

Aug 2015 - Jun 2018

- Designed and developed test strategy, test plans, test reports and defect reports for the clinical data repository
- Developed automation scripts using *Gherkin* and *Protractor/Cucumber* framework (JavaScript)
- Tested *Restful web services* using Postman API through XML and JSON and performed defect management using Jira
- Performed database testing on PostgreSQL database to validate the accuracy of patient data

Software Engineer (Automation/Manual Tester) - Tech Mahindra Limited, India

Feb 2012 - Jul 2015

- Created automation test scripts for regression on the application using *Selenium Webdriver* (Java)
- Performed functional test, acceptance test, integration test, system test, regression, GUI and database tests
- Mentored 4 highly qualified passionate people from the team

ACADEMIC PROJECTS

NYC Parking Project – Northeastern University

Oct 2020 - Nov 2020

- Performed data profiling on the NYC open parking and violations issued with 57.3 M rows using Talend and Alteryx
- Used Talend to perform data integration for data coming from various sources for open parking & violations warehouse
- Created interactive dashboards to convey stories using Tableau and Power BI

Detecting Pneumonia using Chest X-Rays – Northeastern University

Jul 2020 - Aug 2020

- Converted data into actionable insights by performing exploratory data analysis using Python
- Designed a deep neural network using Keras and Tensorflow to classify Pneumonic chest x-rays images from normal x-rays
- Model is compiled with Binary cross-entropy loss function, implementing forward and backward propagation

Counterfeit Medication and Tracking System – Northeastern University

Mar 2020 - Apr 2020

- Implemented in java swing, a sophisticated system to serialize and track medication packages to prevent counterfeit drugs
- Built the application using db4o database and administered email sending using JavaMail API