

# RAJEEV SHUKLA

**Machine Learning, Data Engineer, Functional Testing, Automation Lead**

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**Career Objective**

Adaptive, qucik learning professional with 11.5+ experience and a proven knowledge of Application Development, Quality Assurance and Emerging Technologies (Machine Learning, Deep Learning). Aiming to leverage knowledge gained in ML and Deep Learning, to implemant ideas and built best-in-class system.

**Skills**

**Data Engineer:**

Data Mining: Python (numpy, pandas, sklearn,statsmodel,nlkt)

Machine Learning: Python (Logistic and Linear Regression, SVM, Decision Tree, Random forest)

Deep Learning: Python – FFN, CNN, Autoencoders, RNN, LSTM, RBM

**Testing:**

Automation Testing: UFT 12.02, Selenium

Database Testing: TOAD, Microsoft SQL Server 2014, SQL Server BI Development, Quality Center

Mainframes: JCL, Proterm, File-Master, SDSF, PEEK, CA-View, File-Aid

**Application development:**

Mainframes: COBOL, JCL, Natural, Ideal & Proterm, File-Master, SDSF, PEEK, CA-View, Endevor, File-Aid, Changeman

**Soft skills:**

Quick Learner, Hardworking, Proactive, Team Player, Problem-Solver

**Work Experience**

**BANK OF AMERICA, Mumbai**

*Analyst in Bank of America, Sep-2012 to Present*

* Programming Language & Tools used:

Python(numpy, pandas, sklearn), Java, VB script, Anaconda, Eclipse IDE, Microsoft SQL Server 2014, SQL Server BI Development Studio, Toad, Quality Center, UFT 14.01, Selenium

* Roles and Responsibilities:

1. AI Team member:

- Part of the ongoing effort of the company to identify areas and build models to utilizes emerging technology like ML, RPA, etc in Testing and other areas.

- Participate in meeting with Business owners, AI team members and other Leads to discuss viability of a model for a given process.- Research and implement appropriate ML algorithms and tools.

2. Test Automation Lead:

- Set up brainstorming session with team members, to identify Automation opportunity, in Mortgage Fulfillment application

- Assist the Automation team to implement Automated testing using UFT, for all the work streams to improve the overall testing cycle.- Be a part of an ongoing effort to bring Automation testing knowledge in Manual Testing team.

3. Testing:

- Work in an Agile team with member across the globe, for test plan articulation, planning, and management of individual testing events.

- Identify Test scenario and develop test cases/scripts.

- Identify and capture test data to support the test cases.

- Test Environment set-up/management, monitoring and streamline release management to QA Environments.

- Utilize appropriate testing tools for both front-end and back-end Quality Assurance

- Participate in production deployment validation.

- Response to technical queries Document Planning activities, offshore coordination.

*Senior Software Engineer, Sep-2010 to Aug 2012*

* Programming Language & Tools used:

JCL, File-Aid, Quality Center, QMF & Proterm

* Roles and Responsibilities:

1. Mainframe Testing:

* Analysis of test basis documents such as requirements and design specifications.
* Developing test scripts, conduct code review, set-up JCL jobs, identify and set-up test data.
* Execute batch jobs, Trouble-shoot problems in case of an abnormal termination, validate data in CICS screens/sequential file/database using SQL queries.
* Guiding the team members in technical issues and in understanding the business requirements
* Prepared excels with details on jobs/Procs/file names and COBOL versions and utilities used under the CCS application.
* Developed proterm scripts to Automate CICS screen capture and data validation, in order to reduce time consumed in testing and error due to human intervene.
* Coordinated and attended weekly status calls with onsite team.
* Involved in project handover to Wipro. I was mostly involved in Knowledge transfer, application documentation.

**PATNI COMPUTER SYSTEM (now IGATE), Mumbai**

*Senior Software Engineer May 2010 – Sep 2010t*

* Programming Language & Tools used:

COBOL, Ideal, Datacom, JCL, File-Aid, Changeman & Endevor

* Roles and Responsibilities:

1. Mainframes Developer:

* Analyze requirement document and prepare HLD/LLD for New applications/bug fixing/change requests.
* Designed and developed code applications to technical and functional programming standards.
* Set-up mainframe environment to test the changed modules based on unit test cases.
* Trouble-shoot abnormal termination and complex abends,
* Developed operational documents for Application.
* Involved in structured peer reviews and walkthroughs.
* Provided assistance toward application releases installation into production under given direction
* Participated in daily status meeting with onsite coordinator
* Looked after overall work log maintenance (documentation, approvals, signoff from user)

**COGNIZANT TECHNOLGY SOLUTIONS, Pune**

*Programmer Analyst Sep 2007 – Apr 2010*

* Programming Language & Tools used:

COBOL, DB2, Natural, Adabas, JCL, File Aid, Panvalet & SDLM

* Roles and Responsibilities:

1. Mainframes Developer:

* Requirement analysis for different derivatives products (options, futures, forwards, etc), Bonds, etc.
* Set-up mainframe environment to test the changed modules based on unit test cases.
* Trouble-shoot abnormal termination and complex abends
* Provide test result, HLD, LLD to client user and take sign-off
* Raise requests to move the code changes to production, moves the changes to production and perform production validation along with user and take sign-off.
* Worked on migration of DDA application from Mainframes to Open source platform.
* Participated in daily status meeting with Client Manager
* Looked after overall work log maintenance (Raising Change request, documentation, coding, testing, approvals, signoff from user)

**Training & Certifications:**

* Trained and Certified from IIT Madras (NPTEL) in Deep learning by Prof.Mitesh M. Khapra
* Coursera certified in Machine Learning by Andrew Ng.
* Advanced training and Certification in UiPath a leading RPA tool
* ISTQB Foundation Level Certified
* NSE’s Certification in Financial Markets
* ITIL Certified
* Training done in Microsoft excel, Winning presentations, SSIS/SSRS/SSAS
* Domain training done in Mortgage Life Cycle, [Essentials of Project Management](javascript:void(0);), [Personal Financial Management](javascript:void(0);), [Recent Trends in Global Banking](javascript:void(0);) and Home Loans
* Soft skill training done in Seven habits of highly effective people

**EDUCATION**

* M.Tech. (Controls & Instrumentation) from MNNIT, Allahabad with 82.20% in 2007
* Bachelor of Engineering (Electronics & Telecommunication) from MGM CET, Kamothe, Navi Mumbai, Mumbai University with 64.40% in 2004

**PERSONAL DETAILS**

Date of Birth: 2nd December, 1982

Address: 601/Uma Shiv Corner, Sector - 19, Kamothe, Navi Mumbai - 410209

Languages Known: English, Hindi and Marathi

Location Preference: Mumbai / Pune