

# Akshay CA

## Data Scientist, IBM Certified

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### Career Objective

Looking for a position in Data Science, where I can apply my skills and experience to support the project growth and success. Looking for an opportunity to improve my skills and add values.

### About me

Software Engineer with 2.3 years of experience at **LTI (Larsen & Toubro InfoTech)**. Data Science and ML/AI enthusiast. Experienced at creating deep neural networks and ML models, using predictive data modeling, analyzing, processing and mining data to deliver insights and implement action-oriented solutions to business problems.

### Skills & Abilities

- Expertise in **Data** Cleaning, Analysis, Mining and Visualization, Feature Engineering, **Machine Learning** Algorithms, **Neural Networks and Deep Learning**.
- **Improving ML / Deep Neural Networks Models:** Hyperparameter tuning, Regularization, Model Validation and Optimization.
- **Structuring Machine Learning Projects,**
- Convolutional Neural Networks (CNNs), **Sequence Models – RNNs, Natural Language Processing (NLP).**
- **Feature Engineering.**
- Object-Oriented Programming, Quality Analysis, UI Automation Testing frameworks, Knowledge of Insurance domain, Critical thinking and Good communication skills.

### Programming languages and Tools

**Python** – NumPy, Pandas, Matplotlib, SciPy, Scikit-learn, TensorFlow and Keras, **Jupyter**, PyCharm, **GIT**,  
**MySQL**, **Selenium**, **Cucumber**- BDD, **Jenkins**, **DevOps**, **C#**,  
Visual Studio, Microsoft TFS and Office products,  
Familiar with **Apache Spark**, **Hadoop** big data tool and **Tableau**, **R Studio** and **MongoDB**.

## Projects

- [My Data science projects](#)
- [Machine Learning Projects](#)
- [Convolutional Neural Networks](#)
- [Sequence Model - RNNs, Natural Language Processing](#)

## Experience

### **Automation Test Engineer**, BB&T- Bank holding company

*June 2018 – Present*

BB&T acts as a third-party agent that assists in selling of insurance policies of various insurance companies in return for a percentage in form of commission.

- Sole ownership of Automation in two complex projects.
- Introduced **Behavior Driven Development (BDD)**, **Cucumber** and developed testing frameworks. Used **SpecFlow** with Selenium and **C#** for Direct Billing System and for Carrier Payable System using **Page Object Model (POM)** design pattern.
- Followed pure **SCRUM** Agile methodology.
- Efficiently performed testing for biweekly releases pertaining to enhancements, change requests and defects.
- Used **Microsoft Azure TFS** (Team Foundation Server) for reporting, requirements management, project management, automated builds and release management capabilities. **GIT** for source code management.

### **Automation Test Engineer**, Pro-liability.com

*Nov 2017 – May 2018*

Administered by Mercer Consumer, offers Professional Liability Insurance tailored mainly to Health-Care professional.

- Helped in developing and maintaining the **Hybrid testing framework** which was developed using **Maven**, **Selenium** with **JAVA**, **TestNG**, **Sauce Labs**, **Extent reports** and **Jenkins**.

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<b>Certifications</b>	<u><b>IBM Data Science Professional Certificate</b></u> Deep Learning Specialization offered by deeplearning.io <u><b>Machine Learning with Python</b></u> <u><b>Data Analysis with Python</b></u> <u><b>Data Visualization with Python</b></u> <u><b>ISTQB</b> - International Software Testing Qualifications Board</u> <u><b>CP-SAT</b> - Certified Professional – Selenium Automation Testing</u>
<b>Education</b>	<b>Information Science Engineering</b> 2013- 2017 <b>PES Institute of Technology – Bangalore</b> <ul style="list-style-type: none"> <li>• Was part of College Basketball Team,</li> <li>• Active member of Creative Department Maaya,</li> </ul>
<b>Hobbies and Interests</b>	<b>Basketball, Sketching, Reading, Artificial Intelligence and Data Science</b>
<b>Contact Me</b>	<u><b>GitHub - Personal portfolio,</b></u> <u><b>LinkedIn</b></u>