

## EDUCATION

**North Carolina State University**, Raleigh, NC

**Master of Computer Science** (pursuing a track in **Data Science**), Anticipated May 2021

**University of Mumbai**, India

**Bachelor of Engineering** (in **Computer Engineering**), May 2017

**GPA: 3.57/4**

*Coursework: Design and Analysis of Algorithms, Foundations of Data Science, Software Engineering, Data Structures, Operating Systems, Database Management Systems, Artificial Intelligence, Data Warehousing and Mining, Machine Learning*

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## SKILLS

Languages:	Python, Java, SQL, Matlab, C
Databases:	Oracle, MySQL, MongoDB
Salesforce Technologies:	Apex, SOQL, Lightning Component Framework, Workbench, DataLoader, SLDS
Web Development:	HTML, CSS, JavaScript, Node.js, RESTful Web Services
Other Tools and Technologies:	Jupyter Notebooks, GIT, Anaconda
Familiar with python libraries like pandas, NumPy, matplotlib, scikit-learn, NLTK, TensorFlow and Keras	

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## WORK EXPERIENCE

**Software Engineer | Salesforce Certified Developer**, Atos, Bengaluru, India

June 2017 – December 2018

- Was heavily involved in the end-to-end delivery of a Dataset Purchase Management Application for a prominent US Hedge Fund. Worked extensively in the Design, Analysis, Development, Testing and Deployment of the system.
  - Performed tasks like the creation of Data Models, implementing automations by writing **Triggers** in Apex / Java, along with using **Process Builder** and Flows, performed **unit testing** for apex classes and achieved an overall test coverage greater than **90%** for the project.
  - Developed **Salesforce Lightning Components** using Lightning Component Framework and performed **Administration** tasks like creating profiles, roles, defining application's page layouts, defining visibility and sharing settings of data.
  - Performed **REST Web Service Integration** with Jira. Implemented the application's **Deployment** using Change Sets.
  - Worked on the enhancement of a Customer Portal using technologies like the Lightning Component Framework, JavaScript, SLDS, Salesforce Communities. Involved in implementing Asynchronous Callouts to improve load-time of the Portal's various web-services.
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## PROJECTS

- **Git Answer Bot for Stack Overflow**: Implementing an answer bot on Stack Overflow that responds to new GIT questions with an answer linking to existing similar, previously answered question. Uses Gensim (NLP) to calculate Tf-idf and similarity, to identify the most similar previously answered question in StackOverflow dataset hosted on GCP BigQuery
  - **Frequent Itemset Data Mining using Map-Reduce**: Performed Frequent Item-set Mining on Uncertain/Probabilistic data, that was implemented using the Map-Reduce programming model. Algorithm was published as "**Uncertain Big Data Strategic Miner**", in the International Journal of Computer Sciences and Engineering.
  - **Machine Learning Classifier**: Implemented a Cancerous Tumor Classifier that uses the 'gene expression cancer RNA-Seq Data Set' to create, compare and help select best classification model among algorithms like Logistic Regression, LDA, KNN, CART, Naive Bayes & SVM using K-Fold Cross Validation, that helped classify cancerous tumors successfully with an accuracy greater than 96%.
  - **Computer Vision**: Lane Detection for Self Driving Cars using Python and OpenCV, implemented as part of Udacity's Self Driving Car Nanodegree program scholarship.
  - **JSCodeComplexityAnalyzer**: Performs code analysis. Calculates Simple Cyclomatic Complexity, max message chain, total comparisons, parameter and return counts for functions and more using AST generated from Esprima.
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## CERTIFICATIONS

**Deep Learning Specialization** (by deeplearning.ai on Coursera), **Machine Learning** (by Stanford University on Coursera), **Salesforce Certified Platform Developer I**, Salesforce Certified Service Cloud Consultant, Salesforce Certified Platform App Builder, Salesforce Certified Administrator, Oracle Certified Associate Java SE 7 Programmer (**88%**), OCA Oracle Database 11g SQL Fundamentals I (**96%**)

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## EXTRACURRICULARS

Conducted Object Oriented Programming sessions for a week for the Salesforce Development trainees at Atos.

**Interests** – Watching movies from different countries, fitness, travelling