

AKSHAY NAIK

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AIM Machine Learning Enthusiast, eagerly looking for new opportunities in Data Science.

EDUCATION **Bachelor of Technology in Information Technology | CGPA: 7.31** *June 2019*
Final Year, Symbiosis Institute of Technology, Pune, India
Diploma in Business Management *Dec 2017*
Symbiosis Institute of Business Management, Pune, India
12th Maharashtra State Board (Computer Science) | 84% *Dec 2015*
Pace Junior College, Mumbai
10th Maharashtra State Secondary Board | 88.91% *April 2013*
Dr. S. Radhakrishnan Vidyalaya, Mumbai

Data Science

TECHNICAL EXPERIENCE **Veritas Technologies LLC | Software Developer Intern** *Jan'18-June'18*
▪ Company's Internal Training Portal
- Improved training portal built with MongoDB-Express.js-React.js-Nodejs (MERN) Stack.
- Incorporated **optimized search engine** to enhance the search results using words and phrase
- Created recommendation system based on user's reading history and course completion data
▪ Testing Utility for Verita's NetBackup & CloudPoint Integration
- Created a utility for automation of the testing process of NetBackup-CloudPoint operations
- Simulated production-like scenarios for multiple operations running in parallel using **Python**
- Utility was used for testing on multiple system configurations using a single host PC
- Facilitated generation of concise reports and automated the mailing process of these reports to the tester post test completion

PROJECT **ZS Data Science Challenge (Hackerearth) | Source: [Github](#)** *July'18*
▪ Predicted monthly sales of a Time-Series Problem.
▪ Tested and implemented algorithms like **RandomForest** and **XGBoost Regressor**.
▪ Obtained a Symmetric Mean Absolute Percent Error (SMAPE) of 1.69 and was ranked 150 on the leaderboard with 1000+ participants
Ames House Prices Prediction ([Kaggle](#)) | Source: [GitHub](#) *April'18*
▪ Experimented with **Linear Regression**, **Random Forest** and **SVM** to predict prices of houses
▪ Obtained a minimum RMSE of 0.167 and R-squared of 0.835 using Support Vector Machines.
HWStats – Strategic Website for a game named Hitwicket *Jan'14*
▪ Designed the website and automated screen scrapping using PHP Laravel Framework & MySQL
▪ Experimented with **Random Forest**, **Gradient Boosting**, **AdaBoosting** and **SVM** for predicting important game statistics which gave users advantage over other game players
▪ Obtained a minimum RMSE of 0.33 and R-squared of 0.89 using Random Forest
▪ Website witnessed traffic of over **1000 unique users**. (*Data from Google Analytics*)

COURSES
▪ Deep Learning (Part 1 and 2) (Fast.ai)
▪ Neural Networks and Deep Learning (Michael Nielsen)
▪ Machine Learning ([Coursera](#)) ([My Solutions](#))
▪ Introduction to Machine Learning ([Udacity](#))
▪ Data Mining
▪ Neural Networks

SKILLS Python : Keras, Scikit-learn, Pandas, NumPy

Android and Web Developer

TECHNICAL EXPERIENCE

Retailspace | Android Developer

Dec'16-May'17

- Retailspace is a mPOS system, which simplifies and automates retail management
- Worked with a team of 3 throughout the development stage to obtain a production ready app
- Worked on major aspects of an application like the cart, billing logic and order summary

ChalkBoard Labs | Android Developer | Application: [Mascot](#)

Oct'16-Jan'17

- Mascot is an intra-college bulletin board designed for students
- Collaborated with a team of developers using a git code repository of the Android App
- Worked on sections of application to sync the application data with a backend server and display updated data to the user
- Created new Application Activities for Group Conversations/Discussions
- Fixed various bugs and application crashes to improve the overall reliability, stability and performance of the application

College Festival | Technical Head | Website: [Reverb Techela](#)

Jan'16, Mar'17

- Designed the official website for our College Cultural Festival, Reverb'17 using HTML5/CSS3 with CSS3 animations and Javascript
- Designed an application to handle Participants Registrations for Reverb'16 by creating a Backend server hosted on OpenShift to save registration data

COURSES

- Advanced JAVA (Netcracker Technology Ltd.)
- Certified Information Security Specialist (CyberCure Solutions)
- Ethical Hacking (Wegilant Net Solutions)
- Web Development (Wegilant Net Solutions)

SKILLS

Programming	Python, Core JAVA, C++, MATLAB(Basic) and Web Technologies
Frameworks	Web : React, AngularJS 1, Laravel 4, Cordova, SASS JAVA : Android SDK, JSP, Servlets, Applets(Basic)

WORKSHOP

- Conducted an Android Development Workshop in SICSR's Technical Festival, GNUunify'18
- Conducted a session on PHP programming for students of IT department of batch'19

EXTRA - CURRICULAR ACTIVITIES

ACTIVITIES

Google Developer Student Club 17/18

- Campus Lead of Google Developer Student Club (DSC) 17/18
- One of the 200 DSC Leads who attended first ever DSC Summit hosted by Google

Smart India Hackathon 2017

- Lead a team of five to conceptualize a skill India development portal
- One of the eight teams selected from over 20+ teams to represent college for the competition

* Other projects, website and application codes available on [Github](#).