

Aman Kedia

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EDUCATION	Birla Institute of Technology & Science, Pilani, India M.Tech in Software Engineering	Aug 2016 - Jul 2018 GPA: 9.62/10.0
	Institute of Engineering & Management(IEM), Kolkata India (Affiliated to West Bengal University of Technology) B.Tech in Computer Science & Engineering	2012 - 2016 GPA: 9.22/10.0
EXPERIENCE	Scholar SAP Labs India, Bengaluru, India	Aug 2016 - Present
	Team 2: Leonardo Machine Learning Team, Innovation Centre Network - Implemented new and improved existing Machine Learning and Deep Learning models. - Built a web platform for evaluating and comparing Machine Learning models. - Developed end to end pipelines for pre-processing, model building, testing and validation.	Apr 2017 - Present
	Team 1: Fashion Management Solutions - Developed custom enhancements in SAP ERP system for Materials Management module. - Developed ABAP Units for automation.	Sep 2016 - Mar 2017
	Research Intern, Indian Institute of Remote Sensing, ISRO <i>Data Mining on Weekly Public Health Data of Dehradun District</i> - Obtained clusters of regions demonstrating similar occurrence patterns - Identified disease outbreaks using time series modeling - Geocoded locations to provide visual analysis of the clusters obtained on Maps. - Submitted to <i>Journal of Indian Society of Remote Sensing, Springer</i> . [link to draft]	Dec 2015 - Mar 2016 <i>Advisor: Prof. Shiva Reddy Koti</i>
	App Development Intern, Codeblix (a NASSCOM startup) - Developed a mobile app enabling users to reserve parking slots at venues across Kolkata.	Jun 2015 - Jul 2015
RESEARCH PROJECTS	Envisioning the Evolving Journey of an Organization using Twitter Data: A case study of SAP - Studied the growth and strategical shift of SAP over the past 8 years using 35000+ tweets. - Performed Word Cloud analysis, Hashtag analysis and Sentiment analysis on the tweets. - Paper submitted to <i>techNext Conference, SAP</i> .	Oct 2017 - Nov 2017
	Empirical Study to Evaluate the Performance of Classification Algorithms on Healthcare Datasets - Intended to determine ideal Machine Learning algorithms for specific datasets. - Studied the performance of 5 algorithms on 13 datasets - Performance compared based on Accuracy, Precision, Recall and F1 score. - Paper accepted at <i>World Journal of Computer Applications and Technology, 2017</i> . [link]	May 2016 - Jul 2016
	Application of Twitter in Health Care Sector of India - Mined 15000+ tweets to identify trends in disease patterns. - Studied the impact of Mission Indradhanush based on Twitter discussions. - Paper accepted at <i>IEEE-Recent Advances in Information Technology, 2016</i> . [link]	Nov 2015 - Dec 2015
	Data Mining Techniques in Indian Healthcare: A short review - Studied 61 research papers to analyze the data science research performed in healthcare. - Analyzed the patient life-cycle and highlighted role of various healthcare entities in it. - Focused specifically on the India healthcare sector. - Paper accepted at <i>IEEE-Man and Machine Interfacing(MAMI), 2015</i> . [link]	Aug 2015 - Oct 2015
ACADEMIC PROJECTS	- BookMyTicket , a web cum mobile app for booking movies seats and ordering food. [link] - Kirana , an end to end E-Commerce web application for grocery shopping. [link] - Java(Spring) based app for making flight ticket reservations . [link] - College Attendance Management System for tracking student attendance. [link]	

TECHNICAL
SKILLS

Generic: C, Java, Python, SQL, MongoDB.
Tools & Libraries: NLTK, Keras, TensorFlow, e1071, FCluster.
Web related: HTML, CSS, Flask.

AWARDS and
ACHIEVEMENTS

- **Innovation Award**, SAP for developing a system in *What The Hack* event capable of ranking candidates for a required skill set using scraped data and resumes.
 - Qualified the **Are you the One** hackathon to become a part of ML Enablement Community, *SAP India*
 - *Codeforces* Rating of **1441 (Highest 1545, Specialist Level)**.
 - **Winner, Regionals** at *Aspirations 2020*, programming contest by *Infosys*.
 - **Rank 82nd** among 40000+ teams in *TCS Codevita*.
 - **Sougata Mondal Memorial Award** for outstanding contribution to the UG Institute (Senior year).
 - **Outstanding Student of the year**, UG Institute (Junior year).
 - Ranked 1st in **M.Tech** batch presently after 2 semesters.
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REFERENCES

Sudha V

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