

EDUCATION	Birla Institute of Technology & Science, Pilani, India M.Tech in Software Engineering	Aug 2016 - May 2018 GPA: 9.62/10.0
	Institute of Engineering & Management(IEM), Kolkata India B.Tech in Computer Science & Engineering	2012 - 2016 GPA: 9.22/10.0
EXPERIENCE	Scholar Developer, SAP Labs India, Bengaluru, India <i>Team 1: Leonardo Machine Learning Team, Innovation Centre Network</i> Implemented new and improved existing Machine Learning and Deep Learning models for text mining. Built a web platform for evaluating and comparing Machine Learning models. <i>Team 2: Fashion Management Solutions</i> Developed custom enhancements in SAP ERP system for Materials Management module. 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 for 15 diseases in the district of Dehradun, India. Identified diseases outbreaks & contributing regions with their visualizations using geo-coded Maps. <i>Submitted to Journal of Indian Society of Remote Sensing, Springer.</i> [link to draft] App Development Intern, Codeblix (a NASSCOM startup) Developed a mobile app enabling users to reserve parking slots at various parking venues across Kolkata.	Aug 2016 - Present Dec 2015 - Mar 2016 <i>Advisor: Prof. Shiva Reddy Koti</i> Jun 2015 - Jul 2015
RESEARCH PROJECTS	Envisioning the evolving journey of an organization using Twitter data: A case study of SAP Performed Word cloud analysis, hashtag analysis and sentiment analysis on more than 35000 tweets to study the growth and strategical shift of SAP over the past 8 years. Empirical Study to Evaluate the Performance of Classification Algorithms on Healthcare Datasets Compared the performance of 5 algorithms on 13 datasets based on Accuracy, Precision, Recall and F1 score. Accepted at <i>World Journal of Computer Application and Technology, 2017.</i> [link] Application of Twitter in Health Care sector of India Mined 15000+ tweets to identify trends in disease patterns and study the impact of Mission Indradhanush based on Twitter discussions. Accepted at <i>IEEE-Recent Advances in Information Technology, 2016.</i> [link] Data Mining Techniques in Indian healthcare: A short review Studied 61 research papers to analyze the data science research performed in healthcare with special focus on India. Accepted at <i>IEEE-Man and Machine Interfacing(MAMI), 2015.</i> [link]	Oct 2017 - Nov 2017 May 2016 - Jul 2016 Nov 2015 - Dec 2015 Aug 2015 - Oct 2015
ACADEMIC PROJECTS	<ul style="list-style-type: none">- BookMyTicket, a web cum mobile app for booking movies seats and pre-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, R, SQL, MongoDB, MySQL, Oracle 11g. Tools & Libraries: NLTK, Keras, Gensim, NumPy-SciPy-Sklearn, TensorFlow, e1071, FCluster. Web related: HTML, CSS, JavaScript, Flask, Telerik Framework.	
AWARDS and ACHIEVEMENTS	<ul style="list-style-type: none">- Innovation Award, SAP for developing a system in <i>What The Hack</i> 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, <i>SAP India</i>- <i>Codeforces</i> Rating of 1441 (Highest 1545, Specialist Level).- Winner, Regionals at <i>Aspirations 2020</i>, programming contest by <i>Infosys</i>.- Rank 82nd among 40000+ teams in <i>TCS Codevita</i>.- 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.- Amongst the top 3 of the CSE department in B.Tech.	