



Microsoft Engage Finalist | ACM ICPC Nationalist | Samsung Awardee | IIMK Prodman Committee

SUMMER INTERNSHIP

Tata Steel	Sales & Marketing	Jun'23-Aug'23
Project Details	<ul style="list-style-type: none"> Implemented a Project Management-Centric Approach to Optimize the Downstream Business Reviews process Achieved a 25.5% reduction and saved 650+ hours annually in total meeting time by managing the review process Leveraged advanced project management tools like Microsoft Office, Tableau, and SAP for analysis and insights 	
Initiatives	<ul style="list-style-type: none"> Defined meeting KPIs for monitoring and achieving a 33% reduction in time spent during Sales Review meetings Strategized and executed the transition to a cloud-based file upload and reporting system to reduce email clutter 	

WORK EXPERIENCE

17 Months

Samsung R&D Institute India	Senior Software Engineer	Jan'21 - Jun'22
Roles & Responsibilities	<ul style="list-style-type: none"> Senior Software Engineer, Network Modem Department <ul style="list-style-type: none"> Generated and maintained 2,500+ lines of feature code by fixing bugs, issues and by running simulation on setup Maintained the SPID feature by coding the new functionalities in LTE MAC layer for the network modem team Debugged 10+ specific and 30+ general issues with the China and Vietnam counterparts of Samsung Research Operated feature for customers like Jio and Telus by enabling and disabling the feature through code merge tasks Enhanced the feature for both the uplink and downlink data flow in MAC layer for 4G LTE network department 	
Initiatives	<ul style="list-style-type: none"> Transformed 1,000+ instances of static flags to dynamic flags in the LTE code as a part of GCB N binary activity Increased code reachability of 1,000+ lines of code with the help of network team members in the LTE codebase 	
Achievements	<ul style="list-style-type: none"> Awarded INR 50,000 for achieving the Samsung Software Competency Professional Certification in just 3 months Felicitated with Samsung Excellence Annual Award in the network team for contribution to new software release 	

MBA COURSEWORK

Key Courses	<ul style="list-style-type: none"> Strategic Management Behavioural Strategy Data Analytics using R Sustainability and Business Project Management Marketing Research for Business
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ACADEMIC PROFILE

B.Tech. (IT)	NIT Allahabad	8.25/10	2016-20
Class XII	Nirmala Convent High School, Sonebhadra (CBSE)	92.20 %	2015-16
Class X	Nirmala Convent High School, Sonebhadra (CBSE)	9.80/10	2013-14

AWARDS AND ACHIEVEMENTS

Academic	<ul style="list-style-type: none"> Secured rank in Top 0.5 %ile nationally among 1.3 mn+ participants in JEE exam conducted by CBSE Board Selected among Top 4 teams of 40+ participated in college to qualify for the ACM ICPC national competition Achieved AIR 1 in mathematics section of National Level Science Talent Search held by Unified Council Received Gold medal in school for achieving AIR 474 in National Level Science Talent Search Examinations 	2016 2018 2014 2015
B-School Events	<ul style="list-style-type: none"> Secured Mentorship by achieving a spot among the campus finalist in Microsoft product case competition Achieved Rank 3 in the Product case competition held at SP Jain College, outperforming 1200+ participants Finished in Top 6 %ile among 700+ participants in product management quiz competition held on Unstop 	2022 2023 2022
Research	<ul style="list-style-type: none"> Contributed to successful publication of a research paper on vehicle detection using AI in Springer Nature 	2023

CERTIFICATIONS, INTERNSHIPS & PROJECTS

NIT Allahabad	<ul style="list-style-type: none"> Project - Estimating Traffic Of Congestion and Identifying Overspeeding Of Vehicle, IT Dept 2020 <ul style="list-style-type: none"> Implemented YOLO algorithm using trained dataset of size 250 MB for vehicle detection in Python language Achieved 95.25% accuracy in calculating the count of vehicles detected in randomly collected still image samples Registered accuracy of 90.59% in calculating the count of vehicles detected in randomly collected video samples Project - Chat application in Java language with interactive graphic user interface, IT Dept 2018 <ul style="list-style-type: none"> Implemented 2,000+ lines of code in Java language and designed interactive GUI using Java swing for the user Included GUI for interactive functions like creating a personal account, login with password and editing profile
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POSITIONS OF RESPONSIBILITY

IIM Kozhikode	<ul style="list-style-type: none"> Elected Member, Students' Product Management Committee 2023 <ul style="list-style-type: none"> Organized National Product Case Competitions with 600+ registrations in affiliation with PM School & Kofluene Organized knowledge-sharing & mentorship sessions with industry Product Managers attended by 100+ students Tracked progress of campus app with marketplace and info features for maintenance, enhancements & iterations
NIT Allahabad	<ul style="list-style-type: none"> Co-Ordinator and Member, Coding Club 2019-20 <ul style="list-style-type: none"> Monitored and Instructed 3000+ participants in offline and online events rules and regulation during the techfest Developed problems and curated 50+ test cases for events like Insomnia, Code of the Day, Codestart in techfest Created and tested coding problems on online platforms like HackerEarth and HackerRank for techfest events

EXTRA CURRICULAR ACTIVITIES

Technical	<ul style="list-style-type: none"> Supervised 3,500+ participants and organized events related to the coding club in NIT Allahabad techfest Secured rank in Top 2 percentile out of 1,200+ teams that took part in the IIITA's Codered online round 	2019 2019
Sports	<ul style="list-style-type: none"> Secured 1st rank among 25+ teams in 400m relay race and awarded with Gold medal during the sport meet Received Bronze medal for securing 3rd Rank among 100+ candidates in 400m race during sports meet 	2011 2012
Others	<ul style="list-style-type: none"> Hobbies: Playing Chess and Table Tennis 	