



Shruti Sose
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Indian Institute of Technology Bombay

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Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2021	8.25
PROFESSIONAL EXPERIENCE				
WALMART GLOBAL TECH	Software Engineer Backend Development [Jul '21 – Present] <ul style="list-style-type: none">Developed some microservices from scratch to production ready for Walmart's South African marketPerformed load testing and pod profiling on REST APIs with JMeter based Performance Testing toolCreated Splunk and Grafana dashboards to analyze application logs and Prometheus metricsDeployed and migrated projects to WCNP (Walmart Cloud Network Platform) to achieve CI/CDIdeated identity verification feature on the app to sell age restricted products in Scan and Go storesMentoring an intern with a small project and developing software engineering skills			
	Software Engineer Backend Development Intern [Jan '21 – May '21] <ul style="list-style-type: none">Implemented a package called WebClient that gave 10times faster responses than RestTemplateBuilt some RESTful endpoints to be consumed by rest of the components for monetizationWrote automated tests using Junit5, integration tests, BDD test with the code coverage of 90%+Designed an automated tool to extract information of the java services deployed across 150+ Walmart DCsGenerated a consolidated view for all REST Endpoints exposed by each java service and the ports listening to itSaved 100+ human-hours annually; led to 2000% increase in time efficiency with improved Data management			
JOHNSON & JOHNSON	Data Analyst Supply Chain Model Development [Jun '19 – Jul '19] Received Letter of Recommendation for exceptional performance in maximizing the forecast accuracy <ul style="list-style-type: none">Predicted future sales volume with 40% increase in accuracy; built an automated forecasting modelScrutinized Time Series Forecasting models including ETS, SARIMA; selected the one with lowest RMSE, AICExtracted insights on 6 KPIs (across 10000+ SKUs) by analyzing the sales data for past 2 years using Python			
FINSHELL	Business Analyst Mobile Finance [May'19 – Jun'19] Bestowed with Letter of Recommendation for extraordinary contribution to the internship project <ul style="list-style-type: none">Revamped clients' repayment schedules via reducing balance, rate methods & PMT vs Discounting factorsCritiqued models involving receipts, repayment schedules & prepayment for loan transactions in NBFCsBuilt a company growth dashboard by analyzing business strategies; identified 20 ideal charts for KPI			
POSITIONS OF RESPONSIBILITY				
AAVHAN MANAGER	Institute Sports Team Department of Events [Jan '20 – May '20] Led a 2-tier team with 25 core members Budget: INR 4M 5000+ participants from 150+ colleges <ul style="list-style-type: none">Organized 1st-ever Virtual Run (1.2K+ runners) to raise INR 15K for COVID relief campaign by NGO GoonjOrchestrated an online open chess tournament with 550+ participation globally and prize worth INR 70KSynthesized a 100% y-o-y increase in social media reach by initiating multiple online fitness campaigns			
KEY PROJECTS				
ALGO TRADING	Self-Project Option Trading [May '21 – Present] <ul style="list-style-type: none">Built an automated trading system with 6 Option strategies back tested on 5yrs Index Option dataDeployed 10lac capital for forward test generating 40% returns annuallyOptimizing strategies based on few KPIs like expectancy, MDD ratio, calmer ratio, sharpe ratio, etc.			
DEUTSCHE BANK - MANCH	Research Project Finance [Jan '19 – May'19] Part of a 4-member team; bagged 2nd position in a pan-IIT Bombay group project competition <ul style="list-style-type: none">Suggested 6 methodologies for Non-Performing Assets mitigation analyzing Punjab National Bank ScamAnalyzed the global scenario of NPAs in advanced economies and emerging markets like China			
EXTRACURRICULAR ACTIVITIES				
TECH SKILLS	<ul style="list-style-type: none">Python, Java, Super Putty, Octave, C++, HTMLKubernetes, Looper, Docker, GitOps, ConcordMS Excel, AutoCAD, Solid works, Post OfficeDynatrase, Splunk, Grafana			
COURSES	<ul style="list-style-type: none">Specialization in Deep Learning CourseraUnderstanding Company's Financial Position CourseraData Analysis UdemyUnderstanding Financial Markets Coursera			
DANCE	<ul style="list-style-type: none">Highest Grade - 4yr Bharatanatyam Course ['11-'14]1st- Gyration's General Championship in 8 teams['19]1st- Dance Mania Inter Hostel Dance in 8 team ['18]Awarded Best Dancer (1 in 200+ participants)['19]Mentored Institute Dance Workshops with 25+ attendees supplementing Hip-Hop culture growth ['18-'19]Special Mention 'The only Fresher' Dance ['17]			
SOCIAL	<ul style="list-style-type: none">Contributed towards Cancer Awareness and Care of the Needy through CARE INDIA ASSOCIATION ['12]Executed the Guinness World Record-breaking Student Solar Ambassador Program Budget:INR 8M ['18]Assisted in SHE, an initiative by Techfest to promote Sanitary & Menstrual Health in remote areas ['18]			