

Prashasti Abojwar

Founder's Office | Strategy | Execution | Systems

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EDUCATION

Bachelor of Technology (B.tech) - Aerospace Engineering | Indian Institute of Technology Bombay (IIT Bombay) | 2021-2025

PROFESSIONAL EXPERIENCE

Geminus Tech (Client: Toshiba) Software Dev [Jun-Present]	<ul style="list-style-type: none">Working on frontend firmware layer for NVMe-based SSD drives deployed in production environmentsAnalyzed firmware logs to diagnose post-launch SSD failures impacting enterprise customer deploymentsImplemented root-cause debugging workflows, significantly improving turnaround time for critical issuesIdentify NVMe protocol bottlenecks affecting drive stability, reducing recurring performance escalations Impact: Reduced recurring firmware issue turnaround time by 25% , strengthening pre-release validation
Sensorama Technologies Software Dev [Jun-Jul 2024]	<p>Awarded Letter of Recommendation for delivering production-ready, impact-driven system improvements</p> <ul style="list-style-type: none">Designed and optimized touch-based interface for HPLC hardware system, enhancing operational usabilityRe-architected UI workflows to improve navigation clarity and reduce user interaction frictionImplemented multi-profile storage system enabling personalized configurations and workflow flexibility Impact: Improved overall device usability by 35% , accelerating adoption across end users

KEY PROJECTS

Founder's Office Shadow Project Quick-Commerce [2026]	<p>Simulated end-to-end Founder's Office ownership for a high-burn, multi-city quick-commerce startup</p> <ul style="list-style-type: none">Diagnosed unit economics of 8 dark stores, identifying 18% burn inefficiencies & city-level execution gapsAuthored decision memos outlining trade-offs, SOPs & built KPI dashboards for weekly CEO reviewsDelivered a 30-60-90 day roadmap projecting 12–15% cost optimization & improved store-level CM
AI System to Reduce CEO Cognitive Load [2026]	<p>Built an AI-powered executive agent using n8n to reduce decision fatigue and reporting overload</p> <ul style="list-style-type: none">Converted raw operational metrics across 5+ functions into weekly executive summaries and briefsDesigned risk-scoring & prioritization logic to flag high-impact issues requiring immediate attentionReduced manual reporting effort by 60% while improving decision turnaround speed by 35%
Startup Efficiency Audit Self-Project [2026]	<p>Conducted structured operational audit to improve unit economics with fleet, inventory & support functions</p> <ul style="list-style-type: none">Modeled cost leakages across delivery, perishables & refunds, identifying 15–56% efficiency improvementDesigned dynamic batching, markdown pricing & AI refund validation with risk-tier scoring +11pt marginsBuilt KPI and ownership framework shifting from founder-centric to scalable, city-level accountability
Image Classifiers Guide: Prof. Biplab Banerjee [2024]	<p>Conducted structured deep learning experimentation to optimize image classification model performance</p> <ul style="list-style-type: none">Benchmarked multiple CNN and hybrid architectures, improving classification accuracy by up to 27%Applied systematic regularization and model tuning techniques to enhance generalizationAchieved 98.5% satellite image classification accuracy through architecture optimization and experiments

LEADERSHIP ROLES

NCC IIT Bombay Media Head [2023-2024] Web Secretary [2022-2023]	<p>Spearheaded 30+ member 3-tier council Decorated with Cadet under Officer rank, 2nd highest rank NCC</p> <table><tr><td>Leadership</td><td><ul style="list-style-type: none">Led 70+ cadets as Company Captain, securing First position in overall ChampionshipAppointed Contingent Commander, leading 70+ cadets on 74th Republic Day Parade</td></tr><tr><td>Management</td><td><ul style="list-style-type: none">Organized 20+ events & Annual Training Camp-410 impacting 500+ cadets and instituteInitiated Media Championship with 5+ genres and workshops for broad exposureAdded Book of Record & FAQ page, increasing visitors by 50% & boosting engagement</td></tr></table>	Leadership	<ul style="list-style-type: none">Led 70+ cadets as Company Captain, securing First position in overall ChampionshipAppointed Contingent Commander, leading 70+ cadets on 74th Republic Day Parade	Management	<ul style="list-style-type: none">Organized 20+ events & Annual Training Camp-410 impacting 500+ cadets and instituteInitiated Media Championship with 5+ genres and workshops for broad exposureAdded Book of Record & FAQ page, increasing visitors by 50% & boosting engagement
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Indian Games Kabaddi Captain [2022-2024]	<p>Coordinated with Indian Games Secy for team management, ensuring logistics, training and participation</p> <ul style="list-style-type: none">Pioneered first-ever girls kabaddi team at IIT Bombay, securing silver at Avhan, IIT Bombay's Sports FestAchieved 1st runner-up position at Udghosh, India's largest college sports fest with team collaboration				

ACCOLADES & EXTRA CURRICULARS

Scholastic	<ul style="list-style-type: none">Achieved 99.27 percentile in MHT CET 2021 – PCM out of over 0.19 million candidates nationwide		
Skills	<table><tr><td><ul style="list-style-type: none">Strategy & Ops: problem structuring KPIs SOPsTech: C C++ SQL python React Node Next</td><td><ul style="list-style-type: none">Software: Microsoft Office Tableau PowerBIMiscellaneous: n8n antigravity notion openAI</td></tr></table>	<ul style="list-style-type: none">Strategy & Ops: problem structuring KPIs SOPsTech: C C++ SQL python React Node Next	<ul style="list-style-type: none">Software: Microsoft Office Tableau PowerBIMiscellaneous: n8n antigravity notion openAI
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