

# ARAFAT PAYEL

CSCA | INDUSTRIAL & PRODUCTION ENGINEERING STUDENT

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## SUMMARY

Motivated Industrial & Production Engineering undergraduate with demonstrated leadership in managing large-scale departmental and corporate events, design coordination, and cross-functional teamwork. Experienced in working with banks, MNCs, and student organizations, with a strong foundation in operations, supply chain, and strategic branding. Co-founder of a funded startup and CSCA-Certified Supply Chain Analyst.

## SKILLS

- **Technical Tools:** MATLAB, AutoCAD, SolidWorks, Python (NumPy, Pandas, Seaborn), Intermediate SQL
- **Design Software:** Adobe Photoshop, Adobe Illustrator, Figma, Canva, Microsoft Office Suite
- **Core Competencies:** Strategic Branding, Market Research & Data Analysis, Pitch Deck Design, Project Management, Event Planning & Coordination, Stakeholder Engagement

## EDUCATION

Bachelor of Science in Industrial and Production Engineering (IPE) | 2022 – Present

Bangladesh University of Engineering and Technology (BUET)

Expected Graduation: 2026

Current CGPA: 3.06

## PROFESSIONAL EXPERIENCE

Campus Delegate | The Business Standard – TBS Graduate | July 2025 – Present

- Awarded "**Best Campus Delegate of the Month**" (July 2025) for exceeding partnership targets
- Established **3** strategic media partnerships with BUET Literature Club and BUET Braniacs
- Secured prominent branding coverage for all club collaborations across TBS platforms

Chief Marketing Officer | Nirapotta (Startup, UIHP Cohort 3) | May 2025 – Present

- Secured **BDT 60,000** in World Bank UIHP Cohort 3 funding (2nd highest among 25+ teams)
- Increased pilot survey engagement by **40%** through data-driven targeting strategies
- Developed investment pitch decks achieving **25%** higher funding success rate vs. cohort average
- Led market research and validation for product-market fit in safety/security sector

Assistant Design Secretary | Association of Industrial and Production Engineers (AIPE) | May 2025 – Present

- Helped in organizing IPE Fiesta 2026: 14-day departmental flagship with **500+ participants**
- Managed IPE BBQ Night logistics for 5 academic batches (**200+ attendees**)
- Designed visual assets for Fresher's Reception 2024 (**300+ students engaged**)
- Orchestrated game section for annual departmental picnic (**200+ participants**)

Design Coordinator | BUET Career Club | May 2025 – Present

- Organized "Financial Inclusion: Banking & Youth" by Prime Bank (**100+ offline attendees**)
- Executed "The MNC Blueprint" online career seminar (**100+ participants from 12 universities**)
- Delivered "GP FUTUREMAKERS Online Roadshow" in partnership with **12 inter-university clubs**
- Produced "Zen Talk: The Dabur Way" featuring Dabur Bangladesh HR leadership
- Increased club membership by **20%** through targeted promotional campaigns

Assistant Director of Design | IEOM BUET Student Chapter | May 2025 – Present

- Led visual strategy for 5+ seminars and workshops, increasing average attendance by **30%**.
- Produced **20+** professional designs for digital and print campaigns.
- Mentored junior designers, improving workflow efficiency and delivery timelines.

## ACHIEVEMENTS & CERTIFICATIONS

- Top 8 **Finalist** in HULT Prize at BUET
- Certified Supply Chain Analyst (**CSCA**) – ISCEA (International Supply Chain Education Alliance)
- ISCEA Case Competition: **70% scholarship** winner (top performer among 500+ global teams)
- UIHP Cohort 3 (World Bank): Secured **BDT 60,000** startup funding
- The Business Standard: Best Campus Delegate (July 2025)

## ACADEMIC PROJECTS & INDUSTRY EXPOSURE

Supply Chain Optimization | Operations Research Project | 2025

- Built Mixed-Integer Linear Programming model using **Python (PuLP)** for meat supply chain
- Reduced procurement and logistics costs to **BDT 12.93M** weekly while meeting 100% demand constraints
- Validated model against historical data with 94% accuracy

Industrial Visit – RAK Ceramics Bangladesh | 2025

- Explored operations across RAK-1, RAK-2, and Sanitary Ware Production Units, observing 80% automation and safety protocols. Strengthened practical understanding of large-scale manufacturing.