

Vansh Talwar

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Experience

BUSINESS ANALYST INTERN|Clearing Corporation of India Ltd.(November-Current)

Worked closely with the CCIL Forex business users and operations teams to translate user requirements into actionable technical requirements through detailed discussions, GAP analysis, and process mapping.

Authored detailed product documentation including Business Requirement Documents (BRDs), wikis, SOPs, data flow diagrams, and user stories for development teams.

Designed and executed test cases for UAT; validated new system features to ensure accurate settlement calculations, exposure logic, and compliance with operational workflows.

TRAINEE(INTERNSHIP) – AIRCRAFT MAINTENANCE ENGINEERING (AME) | AI ENGINEERING SERVICES Ltd. (AIESL) (July 2025-October 2025)

- Underwent hands-on training in aircraft maintenance procedures, safety protocols, and aviation regulatory standards under the guidance of experienced professionals at AIESL.
- Gained exposure to real-world maintenance operations involving aircraft systems, components, and ground handling equipment.
- Observed routine inspections and defect rectifications, strengthening understanding of engineering practices in the aviation industry.

APPLICATION ENGINEER AND BUSINESS DEVELOPMENT INTERN | AUTOBUDDYS (JAN 2025-JUN 2025)

- Developed and launched interactive educational games (Memory Match & Animal Guess) for autistic children using SwiftUI and Flutter; integrated Firebase for progress tracking and implemented user feedback after field testing at AMH Mankhurd.
- Successfully published the enhanced app on both Google Play Store and Apple App Store, including compliance with Apple Sign-In and MSeva cyber safety policies; handled critical bug fixes and UI improvements.
- Led the end-to-end release process including trailer creation, app store optimization (ASO), and integration of monetization features such as in-app ads and user analytics.

VOLUNTEER MATHS INSTRUCTOR | ABHYUDAYA, SP JAIN INSTITUTE OF MANAGEMENT AND RESEARCH(JAN 2025-CURRENT)

Conducted classroom sessions on 10th-grade mathematics for underprivileged students, focusing on board exam preparation through concept clarity, problem-solving strategies, and interactive teaching methods.

- Developed structured lesson plans aligned with the SSC curriculum, simplified complex topics, and regularly assessed student understanding through quizzes and practice tests.
- Helped boost academic confidence and math proficiency in a diverse classroom setting, contributing to improved exam readiness.

Education

B.TECH IN C.S.E(AI-ML)| 2021-2025 |SARDAR PATEL INSTITUTE OF TECHNOLOGY 7.08 CGPA

Pace Junior College(HSC)|2019-2021 90.33%

Jamnabai Narsee School(ICSE)|2019 96.33%

Achievements:

. Secured **99.0868%ile** in the MHT-CET Engineering Entrance Exam out of 252,000 candidates.**(99.52%ile in the Maths Section).**

. Secured **100/100** in Maths and Literature in the ICSE 10th Board Examination.