# Hoshang S. Chakravarty

hoshangchakravarty@icloud.com | +91 9920795950 | linkedin.com/in/hoshangc

## EXPERIENCE

### QUALITYKIOSK TECHNOLOGIES PVT. LTD. | DATA SCIENCE INTERN
Jun 2024 – Jul 2024 | Navi Mumbai, India
- A leading multinational quality assurance company with over **3,500 employees**. Known for high-profile clients such as HDFC Bank, Thomas Cook, Toyota, Citibank, Honda, Ford, Jio, and ITC.
- Developed an innovative Data App with a **21-Fold ROI** that significantly enhances HR efficiency and new hire retention.
- Enabled HR teams to input, manage, and track employee onboarding progress through a custom swimlane.
- HR Productivity increases **upto 70%** upon usage.
- Usage Hire Retention Rates improves **upto 5%** upon usage.

### IIM VISAKHAPATNAM | CAMPUS AMBASSADOR
Nov 2024 – Dec 2024 | Jaipur, India
- Acted as a liaison between IIM Visakhapatnam and Manipal University Jaipur, promoting events like Vriddhi 6.0 and initiatives from various IIM Visakhapatnam clubs, including MarkAdz (Marketing Club).
- Successfully increased event visibility and engagement among MUJ students.

### GLITCH ESPORTS SOCIETY, MUJ | HEAD OF PROMOTIONS
Aug 2023 – Oct 2024 | Jaipur, India
- Planned events with an average footfall of **1,000**.
- Interacted with Sponsorship companies like Red Bull and Airtel to acquire funds for events.

## CERTIFICATIONS

### J.P. MORGAN CHASE | INVESTMENT BANKING JOB SIMULATION
Aug 2024
- Identified an ideal M&A target for a client based on an assessment of their strategic and financial criteria.
- Constructed a DCF model to calculate the valuation of the M&A target and adjusted the model to account for a competitor bid and supply chain interruption.
- Created a 2-pager for the client containing a company profile and summary of the auction process

## PROJECTS

### SMART POWER GRID MONITORING & OPTIMIZATION |
TEAM GREENGRID — SMART INDIA HACKATHON (INTERNAL WINNER)
Sept 2025
- Designed an IoT-based microgrid monitoring system using Raspberry Pi Pico W, LoRa, and MQTT for real-time renewable energy tracking.
- Implemented advanced load forecasting with ANN, SVR, Genetic Algorithms, and Deep Learning models to optimize distribution efficiency.

## EDUCATION

### MANIPAL UNIVERSITY JAIPUR
B.TECH (HONS.) IN COMPUTER SCIENCE (IoT & INTELLIGENT SYSTEMS)
Expected Jun 2026 | Jaipur, India

### R.N. PODAR SCHOOL
AISSCE
Jun 2019 - Jun 2021 | Mumbai, India
Grade: 84%

### BHAKTIVEDANTA SWAMI MISSION SCHOOL
ICSE 10TH
Board Marks: 97%
Merit Rank Holder - 3rd in school
House Captain

## SKILLS

### PROGRAMMING
- Python
- Machine Learning (Pandas, Scikitlearn, Pytorch, MatPlotLib)
- MySQL
- Full-Stack Web Development
- MicroPython

### FINANCE
- Discounted Cash Flow Analysis
- Due Diligence
- M&A Analysis

## PUBLICATIONS

- **MAchine Learning for Global Wine Quality Standardization and Safety** Springer LNCS (Accepted 2025). Focused on feature engineering (Pearson correlation, Alcohol Super Density feature), SMOTE-Tomek balancing, and Random Forest Classifier achieving 98.76% accuracy.