

# Joshua Dmello

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## Third Year Computer Engineering Student

### Fr Conceicao Rodrigues College of Engineering

BACHELOR OF ENGINEERING IN COMPUTER ENGINEERING

GPA: 9.4

*Bandra (W), Mumbai*

*Nov 2022 – May 2026*

### Pace Junior Science College

HSC BOARD IN COMPUTER SCIENCE

GPA: MHT-CET : 97.64 percentile

*Andheri, Mumbai*

*June 2020 – April 2022*

### Bombay Scottish School

ICSE BOARD IN COMPUTER SCIENCE

GPA: Board Result : 97.63%

*Mahim (W), Mumbai*

*Jun 2008 – Apr 2020*

## Experience

### Hindustan Petroleum Corporate Limited

INFORMATION SYSTEMS INTERN

- Created a meter reading app using flutter, dart, sqlite, google ocr
- Created a pdf invoice reader, chatbot with memory, text summarization chatbot using python

*Mantralaya, Churchgate, Mumbai*

*Dec 2023 – Jan 2024*

### Hindustan Petroleum Corporate Limited

INFORMATION SYSTEMS INTERN

- Working on production code of java springboot of a live refinery project

*Mantralaya, Churchgate, Mumbai*

*Jun 2024 – Present*

## Skillset

**Tech Stack:** ReactJS, Flutter, Dart, HTML, CSS, JavaScript, Tailwind CSS, MariaDb, HeidiSql, Postgresql, Java, Python, Streamlit

**Leadership:** Webmaster of Students Council Fr CRCE, Marketing, Public Relations, Public Speaking

## Projects

### IOT Baggage Tracker

A PHYSICAL LOCATION TRACKING DEVICE, TO BE ATTACHED TO BAGS WHICH PROVIDES REAL TIME LOCATION TO A WEB APP ON A MAP AND ACCESS TO SHIPPING SERVICES THAT CAN BRING THE BAG BACK TO THE CUSTOMER REACHED PHASE 4 OF ECELLXIIIC IDEA COMPETITION

*NextJs, Arduino, C programming,  
Python*

*<https://github.com/lcant-code404/BagTrackPro>*

### Meter Reading App

AN APP THAT AUTOMATES THE WORK FOR METER READERS TRAVELLING HOUSE TO HOUSE AND MANUALLY READING AND ENTERING THE METER READINGS. A FLUTTER APP FOR HPCL METER READERS. IT SIMPLIFIES THE MANUAL TASK OF INPUTTING READINGS FOR HPCL CUSTOMERS BY ALLOWING USERS TO CAPTURE AN IMAGE OF THE READING. THE APP THEN ACCURATELY EXTRACTS AND UPDATES THE DATA IN THE DATABASE ALONG WITH STORING THE IMAGE

*Flutter, Dart, SQLite, GoogleOCR*

*<https://github.com/Joshuadmello04/HPCL->*

*Internship*

### Java ATM Machine GUI

A MODERN GUI THAT SIMULATES THE WORKING OF AN ATM MACHINE. IT STORES THE LOGIN CREDENTIALS, THE BALANCE AND DATA OF A USER AND ENABLES SMOOTH TRANSACTIONS AND AN OPTION TO WITHDRAW OR DEPOSIT MONEY FROM THE USER'S ACCOUNT

*Java (core), phpadmin*

*<https://github.com/Joshuadmello04/Java->*

*Miniproject*