

# Larry Dmonte

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## SUMMARY

AI/ML and Full Stack Developer with experience in end to end application design, ML model integration, and scalable deployment. Skilled in Python, Node.js, React Native, and modern AI frameworks with strong problem solving and product focused development.

## TECHNICAL SKILLS

**Languages:** C/C++, Java, Python, JavaScript, TypeScript

**Web & Mobile:** React.js, React Native, HTML, CSS, Bootstrap, EJS

**Databases:** MySQL, PostgreSQL, MongoDB

**AI/ML:** TensorFlow, PyTorch, BERT, TrOCR, LSTM

**Tools:** Git, VSCode, Flask, FastAPI, Pandas, NumPy, Docker

## WORK EXPERIENCE

### AI Intern – Block Intelligence

Remote

Feb 2025 – May 2025

- Developed an AI-powered interior design platform using Stable Diffusion XL and Blender.
- Implemented inpainting and object-aware furniture editing using Segment Anything + diffusion.
- Built a modular Flask backend to support AI-driven tasks.

## PROJECTS

### MoneyMitra Mobile App

React Native, Node.js, MongoDB

- Built a finance app with expense tracking, goals, and category analytics.
- Developed backend services with Node.js/Express and MongoDB for user auth, CRUD ops, and monthly queries.
- Prototyped ML pipeline for automatic classification of payment messages.

### Interpreting Minds through Visual Narratives

Python, TrOCR, BERT

- Extracted handwritten stories using TrOCR and applied BERT for sentiment/emotion analysis.
- Built dashboard for visualizing emotional trends and thematic patterns with Flask backend.

### Job Portal

ASP.NET Core, EF Core, SQLite, React, Razor pages

- Built full stack job portal with ASP.NET Core API and React frontend.
- Added JWT/cookie auth, resume uploads, and application status workflow.
- Implemented pagination, filtering, saved jobs, and employer dashboard.

## ACHIEVEMENTS & CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Generative AI Professional Certification

Certified in Object-Oriented Programming in Java

Finalist – Game Development Arena (GDA)

Finalist – Smart India Hackathon 2023

## EDUCATION

**Fr. Conceicao Rodrigues College of Engineering, Bandra – Mumbai University**  
B.E. in Software Engineering

Mumbai, Maharashtra  
GPA: 7.6/10

**HSC – Maharashtra State Board**

Mumbai, Maharashtra  
87.83%

**SSC – Maharashtra State Board**

Mumbai, Maharashtra  
84.4%

## EXTRA CURRICULAR ACTIVITIES

Served as class sports captain; actively participated and excelled in collegiate-level sports events.