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

Node.js, Express.js, MongoDB, EJS

- Developed a job portal web application enabling job seekers to apply and employers to post jobs.
- Implemented authentication, authorization, and session management for secure user access.
- Built a RESTful API and integrated dynamic EJS templates for responsive, data-driven UI.

ACHIEVEMENTS & CERTIFICATIONS

Finalist – Game Development Arena (GDA), Finalist – Smart India Hackathon 2023, Certified in Object-Oriented Programming in Java.

EDUCATION

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