Jenslee Dsouza

Software Developer

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Experience

Valory — Remote

Mid Python Engineer — Jun 2025 - Jun 2026

- **Lead engineer and primary owner of Trader**, the Olas autonomous prediction-market agent, driving on-chain automated trading across **Polymarket** and **Omen (Gnosis)**. **(Python, Open Autonomy, Web3, RPCs, Subgraphs)**
- Proactively identified a gap in the prediction toolset and, on my own initiative, designed and shipped a new **prediction tool** (grounded in extensive data analysis and tested forecasting theories) that is now the **best-performing tool in the fleet**. **(Python, Data Analysis, Statistical Calibration)**
- Built an autonomous **tool-improvement agent** that ingests production and testing data to continuously improve prediction tools: generating hypotheses, testing them, applying corrections, and opening a daily human-in-the-loop PR. **(Python, LLMs, Data Analysis)**
- Migrated **Polystrat** through Polymarket's **CLOB v2** cutover under a tight deadline with **zero self-inflicted downtime**, and was a key contributor to integrating **x402** into Valory products in record time. **(Python, Web3, Polymarket CLOB v2, x402)**

LTIMindtree — Bengaluru & Mumbai, IN

Software Engineer — Sep 2022 - Jun 2025

- Led the development and deployment of JOVI, an **AI-Powered Chatbot** utilizing custom LLMs and a Retrieval-Augmented Generation (RAG) pipeline, delivering highly accurate, context-aware responses. **(Java, Spring Boot, Vue.js, Python, Langchain, Sentence Transformers, Docker, Kubernetes, Websockets)**
- Implemented a centralized **RAG File Management Portal** with a Spring Boot backend and Vue.js frontend for efficient project-wide file handling. **(Java, Spring Boot, Vue.js, Python, Flask, Langchain, Sentence Transformers, Docker, Kubernetes)**
- Architected and optimized real-time **Data Pipelines**, leveraging Apache Spark and Kafka to enhance data flow, processing efficiency, and scalability. **(Java, Apache Spark, Kafka, Docker, Kubernetes)**

Awards

- **Valory** - PRaIZEs Peer Bonus, earned three consecutive quarters (Q3 2025 - Q1 2026), 5 peer nominations
- **LTIMindtree** - Best of the Best: Einstein Award, Rising Star, Best Techie

Personal Projects

- Built **Yutori**, a privacy-first Android spending tracker that ingests bank/UPI SMS and classifies transactions **fully on-device** (no backend, accounts, or cloud), deriving a monthly budget view; modular Kotlin codebase with tag-driven CI that builds and ships signed APKs. **(Kotlin, Android, Room, Gradle, GitHub Actions)**
- Developed **SlitherBite**, a browser-based game with leaderboards and deployed the frontend on GitHub Pages, with the backend hosted on Oracle Cloud VM using Nginx and Docker. **(Python, Flask, SSE, Vue.js, Docker, Nginx, OCI, Cloudflare)**
- Built **Real Debrid Utils**, a browser extension for managing Real-Debrid links, enabling mass copying to caching services for enhanced download efficiency. **(JavaScript, Browser Extensions, Real-Debrid API)**

Skills

Languages	Python, Java, JavaScript, HTML, CSS, Bash
Technologies	Spring Boot, Flask, Django, Vue.js, LangChain, Open Autonomy, Apache Spark, Kafka, Docker, Kubernetes, vLLM, Git & CI/CD, WebSockets, SSE, Nginx, SSL/TLS, DNS Management, Selenium
Blockchain	Web3.py, EVM, Gnosis Chain, Polymarket, RPCs, Subgraphs, Smart Contract Integration, x402
Databases	PostgreSQL, MySQL, ArangoDB, OpenSearch

Education

St Francis Institute of Technology — Mumbai, IN

Bachelors in Information Technology — 2018-2022