

# Aryan Arora

aroraryan826@gmail.com | +91 9729706998 | [linkedin.com/in/am-aryan-arora](https://www.linkedin.com/in/am-aryan-arora) | [github.com/Oaaryan](https://github.com/Oaaryan)  
| [cortex.stuckaryan.in](https://cortex.stuckaryan.in)

AI Engineer and Tech Lead who ships production systems fast. Built a 49-tool Model Context Protocol (MCP) platform, led a 9-person AI team, and shipped 4 production AI systems in one month. Deep expertise in Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), FastAPI, and the Anthropic/Claude ecosystem.

## Work Experience

---

### OceanAI (MariApps Marine Solutions)

Kochi, Kerala

Tech Lead, AI Division

Aug 2024 – Present

- Created 49-tool MCP sprint command center for AI-driven development coordination across 9 developers, adopted by director within 24 hours of demo
- Built and led a 9-person AI team from scratch; introduced Git, CI/CD, code review, and sprint processes to the division
- Architected multi-tenant agent orchestration platform with 4 agent types (SQL, voice, email, workflow), 16+ tools, and DAG workflow execution serving a 650+ vessel fleet
- Built AI-native maritime ERP (FastAPI + React/TypeScript), contributing 49% of commits across 66 tasks and 92 dependencies
- Engineered 3-phase QA automation system (viewpoint generation at 80-90% accuracy, test case generation, email automation) targeting 20% QA load reduction
- Built enterprise document search with hybrid Reciprocal Rank Fusion scoring, deployed to 5+ clients
- Shipped financial SQL agent with 11-step ETL pipeline and 88%+ query accuracy over millions of rows

### SOS 42

Remote

AI Engineer Intern

Jan 2024 – Aug 2024

- Built AI agents using LLMs (OpenAI, Anthropic, Hugging Face) with RAG and tool integrations
- Led Django to FastAPI migration; introduced Git version control to a team with none
- Built real-time communication infrastructure using Django Channels WebSockets
- Deployed production systems on Azure with CI/CD pipelines

## Key Projects

---

### Cortex – AI Career Engine & Dashboard

2025–2026

Full-stack AI platform (FastAPI + PostgreSQL + Jinja2). 49 MCP tools, 27+ database tables, knowledge graph (315+ nodes, 597+ edges), 12 entity types, RBAC auth, WebSocket real-time sessions, CI/CD on Railway. Built and deployed solo.

### Comply – B2B Compliance Screening Platform

2026

Sanctions screening with OFAC/EU/UN lists, AI document analysis, entity intelligence dossiers, audit trail. Full app framework with dual-mode auth and graph-native entities.

### Eagle AI – Enterprise Agent Orchestration Platform

2024–2025

Multi-tenant platform with SQL/voice/email/workflow agents, TTL+LRU caching, Prefect DAG executor, WebSocket voice agents, MS Graph integration. Led team of 3.

### Mission Control – 49-Tool MCP Sprint Command Center

2025–2026

Sprint planning, task dependencies, knowledge graph, agent check-in/checkout, file conflict detection. Coordinated 9 developers in parallel via MCP protocol.

## Education

---

### Vellore Institute Of Technology, Chennai

2020 – 2024

B.Tech, Computer Science Engineering (Cyber Physical Systems)

7.9 CGPA

## Technical Skills

---

**AI/ML:** Claude API, MCP Protocol, LangChain, LangGraph, RAG, Multi-Agent Systems, Vector Search, Prompt Engineering, Agent Orchestration, Knowledge Graphs

**Languages:** Python, TypeScript, SQL, C#

**Backend:** FastAPI, Node.js, Django, .NET 8, asyncpg, WebSocket

**Frontend:** React, Jinja2, Tailwind CSS, Alpine.js, HTMX

**Databases:** PostgreSQL, SQL Server, MongoDB, ChromaDB, Cosmos DB

**Infrastructure:** Docker, Railway, Azure, GitHub Actions, CI/CD, Multi-tenant SaaS

## Leadership

---

### **Team Building**

Grew AI division from 1 to 9 engineers. Trained 15 interns. Coordinated with 6+ cross-functional teams.

### **Shipping Speed**

Shipped 4 production systems in 1 month. Built Cortex (49 MCP tools, 27 tables) and Comply (B2B SaaS) solo. Direct delivery to enterprise maritime client (650+ vessel fleet).