

## 🔗 EXPERIENCE

- **Think41** Bengaluru, India  
*Senior Software Development Engineer* May 2025 – Present
  - Led a **5-member engineering team** to build a **full-context contract evaluation system** for **SpotDraft** (Series A, \$50M funded), enabling **clause compliance detection and deviation analysis**, increasing accuracy from **65% to 85%** compared to previous RAG pipeline.
  - Built and productionized a scalable **LLM evaluation framework** using **golden datasets (1000+ data points)**, deployed as a **GitHub Actions pipeline** to run randomized evaluations on every **prompt and model change**, enabling continuous validation, regression detection, and **high-confidence PR merges for releases**.
  - Built a scalable **obligation extraction system** using **LangChain** to parse and analyze **100+ page contracts**, leveraging **intelligent chunking**, fault-tolerant retries, and context preservation to reliably extract contractual obligations, directly **enabling new client acquisitions**.
- **Think41** Bengaluru, India  
*Software Development Engineer - 1 (Founding Team)* Jul 2024 – Apr 2025
  - Built a **state-of-the-art agentic Chrome extension** for **Atomicwork** (Series A, \$25M funded), bringing AI agents directly onto the web with **page-level context awareness**.
  - Enabled **live voice calling** (via **LiveKit** and **Deepgram**), **screen sharing**, and real-time agent collaboration, significantly improving IT issue resolution speed and opening new **enterprise revenue opportunities**.
- **Nokia** Bengaluru, India  
*Software Development Intern* Sept 2023 – Jun 2024
  - Developed scalable **Django REST APIs** for multi-tenant internal platforms, automating complex clone operations and improving operational efficiency by **2x**.
  - Implemented production-grade **CI/CD pipelines** using **Docker** and **Kubernetes**, ensuring zero-downtime deployments and strengthening system reliability across environments.

## 🔗 PROJECTS

[GITHUB.COM/AVIROOPPAUL](https://github.com/avirooppaul)

- **Travel Lust** — Agentic travel assistant built with **Google ADK**, capable of searching flights, hotels, visa rules, and generating optimized itineraries.
- **Atlas AI** — Personal AI assistant using **RAG** for private document retrieval, built with **FastAPI**, **React**, **ChromaDB**, **BackBlaze**, and **Supabase**.

## 🎓 EDUCATION

- **Kalinga Institute of Industrial Technology (KIIT-DU)** Bhubaneswar, India  
*B.Tech in Computer Science Engineering; CGPA: 9.36/10* 2020 – 2024
- **Delhi Public School, Ruby Park** Kolkata, India  
*CBSE (Science + Computer Science); 94.2%* 2018 – 2020

## ✂ TECHNICAL SKILLS

- **Languages:** Python, TypeScript.
- **Backend & AI:** FastAPI, Django, LangChain, LiveKit, Google ADK, LLMs.
- **Frontend:** React.js, Next.js.
- **Data & Infra:** PostgreSQL, MongoDB, Firestore, Docker, Kubernetes, Google Cloud Platform.