LINDITA KALAJ

Software Engineer

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SUMMARY

Software engineer with hands-on experience leveraging modern technologies to solve real-world problems. Proven track record of driving cross-functional collaboration and delivering scalable, high-impact solutions in fast-paced environments. Continuously learning all things software and tech to solve problems with creative people.

TECHNICAL SKILLS

Languages: HTML/CSS, JavaScript, PHP, Java, Python, C++, Lisp, Bash
Database: PostgreSQL, MySQL, SQLite, OpenSearch
Frameworks/Libraries: React.js, Node.js, Flask, Next.js, Bootstrap, Tailwind, NumPy, TensorFlow
AI/ML: LLMs (OpenAI, Anthropic, Gemini, LLaMA, Local), Vector Databases, Embeddings, RAG Pipelines
Other: Agile, Git, REST APIs, Android, Amazon AWS, Google Cloud, CI/CD, Docker, Kubernetes

EXPERIENCE

Kinary, Inc. **April 2025 - Present**

Part-time Freelance

- Engineered a real-time transcription and summarization system for 60 minute meetings using Whisper and Llama 3 leveraging token chunking and speaker diarization.
- RAG pipeline using OpenAI embeddings, OpenSearch vector indices enabling real-time semantic search and retrieval for context-aware LLM prompts.
- Headless automation bot using Puppeteer and Selenium to join scheduled Google Meet sessions, detect active speakers, and record audio streams.

eDigital **June 2023 - February 2025**

Backend Python Developer

- Improved web app performance by enabling text compression through Brotli and React Lazy Load, increasing Google Lighthouse performance by 132%.
- Built a bespoke analytics system to track user interactions throughout the application.
- Engineered a screen detection system leveraging a YOLO (You Only Look Once) model that powered a smart agent capable of navigating TV interfaces autonomously, increasing testing efficiency and reducing manual QA cycles by 60%.
- Deployed distributed IoT agents on Raspberry Pis with integrated cameras, creating a scalable local testbed for automated screen interaction.
- Built an automation pipeline enabling AI agents to dynamically traverse multi-screen UI flows (home → menu → input → results → playback), cutting integration time by over 40%.

EDUCATION

CUNY - Queens College - Bachelors of Arts, Computer Science | Honors | Dean's List | GPA 3.83