

FRANCK DIPANDA

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EDUCATION

Kennesaw State University, Kennesaw, GA

B.S. in Computer Science, AI Concentration | Expected May 2026 | GPA: 3.64

- Honors: President's List, Dean's List
- Coursework: Data Structures & Algorithms, Software Engineering, Database Systems, Distributed Systems, Operating Systems, Computer Networks, Machine Learning

SKILLS

Languages: Python, TypeScript, SQL, Java, C#, C++ (basic)

Backend/Web: FastAPI, Next.js, Prisma, SQLAlchemy, REST APIs, Git, GitHub Actions

Data/Cloud: PostgreSQL, SQLite, Dataverse, SharePoint, AWS S3, CloudFront, Route 53, ACM, Microsoft Graph API

AI/Systems: RAG, embeddings, vector search, LLM-assisted workflows, automation pipelines, concurrency

EXPERIENCE

Evidence Based Solutions (EBS) | Software Developer Intern

Remote

June 2024 - Present

- Built Power Platform research systems for public-health data collection across 30+ countries, including forms, facility/country quota rollups, GPS validation, exception handling, and Power BI reporting.
- Designed automations syncing research submissions, quota targets, completion status, and dashboard data across 1,000+ records so coordinators could verify data capture progress and location accuracy.
- Debugged API pagination, delayed triggers, duplicate updates, inconsistent SharePoint/Dataverse records, and cross-system integration issues so research data moved more reliably from capture to analysis.
- Wrote technical documentation covering requirements, workflow behavior, data dependencies, and edge cases to align developers and stakeholders.

Kennesaw State University | Student Assistant, Business Services

Kennesaw, GA

Aug 2023 - Aug 2025

- Resolved ServiceNow, phone, email, and in-person requests for dining, housing, parking, Talon Card/mobile ID, and campus resources, and trained new student employees on recurring support scenarios.

PROJECTS

AI Job Aggregation & Tracking Platform

Next.js, TypeScript, Python, PostgreSQL, Prisma

- Built a full-stack platform that turns curated company career pages into a searchable early-career software job pipeline; ran 10 scan passes processing roughly 80 companies and 300 postings per pass.
- Integrated Greenhouse, Lever, and company career sites with crawling, parsing, content-hash deduplication, role classification, enrichment, filters, alerts, and tracker views.

AI Job Application Email Tracker

Python, FastAPI, Microsoft Graph API, MSAL, SQLAlchemy, SQLite, Next.js

- Built an Outlook ingestion system to reduce manual inbox review and surface interviews, rejections, and follow-ups during high-volume recruiting cycles.
- Classified application emails with rule-based logic and LLM fallback, adding duplicate handling and inspection logs for inconsistent sender formats and job references.

Portfolio Website & AWS Deployment

Next.js, TypeScript, Tailwind CSS, Framer Motion, AWS S3, CloudFront, Route 53, ACM, GitHub Actions

- Built and deployed a recruiter-focused portfolio to present software, AI, automation, and cloud projects, with GitHub Actions automating builds, S3 syncs, and CloudFront invalidations.
- Used AI-assisted development to scaffold components, iterate on UI/content, and debug deployment issues while retaining ownership of architecture, review, and validation.

AI-Powered Candidate Shortlisting System

Python, SQLite, Codex, Automation Pipelines

- Built an end-to-end system to automate candidate shortlisting, replacing spreadsheet-heavy review work with a structured ingestion, scoring, ranking, and outreach pipeline.
- Used prompt-driven agents to support evaluation and workflow redesign while retaining ownership of scoring logic, run tracking, and downstream outputs.