

Jane Doe

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PROFESSIONAL SUMMARY

- **AI Software Developer** with **5+ years of experience** transforming complex systems into intelligent, scalable solutions.
- Specialized in **building LLM-powered tools** using **OpenAI, Claude, LangChain, and Pinecone**, and delivering fast, secure applications with FastAPI, React, and Python.
- Known for shipping **production-grade AI workflows** that streamline operations, unlock insights from unstructured data, and improve efficiency across domains.
- Equally comfortable designing **backend APIs**, implementing **vector search**, or automating browser flows.

TECHNICAL SKILLS

- **Languages:** Python, Java, SQL
- **Backend:** FastAPI, Django, Flask, REST API
- **Frontend:** Next.js, React, HeroUI, JavaScript, TypeScript, HTML5, CSS3, Tailwind
- **AI & LLM Tools:** OpenAI API, Claude API, LangChain, LangSmith, LangGraph, NumPy, Pandas, RAG (Retrieval-Augmented Generation)
- **CI/CD & DevOps Tools:** Maven, Jenkins, Docker, Git, GitHub, Jira, Azure
- **Databases & Storage:** PostgreSQL, MySQL, Vector DB (Pinecone), SQLAlchemy, Alembic
- **Automation, Scripting & Testing:** Selenium, Playwright, BeautifulSoup, Pytest, JUnit, Swagger, Postman

PROFESSIONAL EXPERIENCE

Company: *UnitedHealth Group*

March 2024 - Present

Title: *AI Software Developer*

Project: Smart Claims Intake & Classification

- Turned a manual, error-prone claims intake process into an automated pipeline by **building an LLM-based classification bot** using OpenAI, LangChain, and Pinecone, **cutting review time by 60%**.
- Built an **intelligent document agent** that extracts key fields from scanned claims (ICD-10, patient info, policy terms), retrieves relevant policy guidance, and **classifies submissions in real time**.
- Designed **multi-agent workflows in LangGraph** to validate data, retrieve missing context, and automate routing decisions across departments.
- **Created a care team assistant** that answers policy and documentation queries by **pulling answers from 10K+ documents** providing nurses with instant access to institutional **knowledge through retrieval-augmented generation**.
- Deployed all tools as containerized APIs with FastAPI, Docker, and Jenkins, and automated multi-turn UI tests with Playwright to ensure agent stability across workflows.

Company: *Bank of America, Dallas TX*

July 2022- March 2024

Title: *Software Engineer*

- Consolidated fragmented onboarding tools into a Python-based backend platform that unified ID verification and account setup, **accelerating customer onboarding by 40%**.
- Refactored legacy **APIs and PostgreSQL data** models to streamline real-time transaction processing and improve query performance at scale.
- Worked closely with frontend teams to deliver **React and TypeScript improvements** that reduced user input errors and improved workflow visibility.
- Added traceability and audit-friendly logging to all services, helping compliance teams meet regulatory and operational requirements with ease.

Company: *Abbott Laboratories*

April 2020 - June 2022

Title: *Software Engineer I*

- Delivered real-time lab reporting APIs in Java that fed directly into clinician dashboards, enabling faster decision-making and **reducing reporting lag by 70%**.
- Migrated monolithic systems into modular, **testable REST services** to allow flexible integration with external lab partners and mobile tools.
- Tuned database performance in **PostgreSQL and MySQL** to support growing data workloads from multiple lab sites.
- Contributed to **design, development, and delivery in Agile teams** while working closely with clinical and product stakeholders.