Kushal Bhattarai

Full Stack Developer

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PROFESSIONAL EXPERIENCE

Full Stack Developer(Internship), *Tinker Tech* 09/2023 – 05/2024

- Worked on a Social Security Fund employee platform designed for exclusive insider access.
- Developed APIs using React for frontend and Python for backend services.
- Created and maintained Selenium test scripts for automated testing.
- Gained familiarity with shell commands for development and deployment automation.

SKILLS

Programming
Python, Java Script, Bash

Backend & Data
FastAPI, Django, RESTful APIs, MYSQL, PostgreSQL

Tools
Selenium, Github, Linux, Docker

AI/ML
RAG, LLM Systems, FAISS, Vector Database

PROJECTS

Social Security Fund Employee Platform, *React, Python, Selenium, Shell scripting, REST API*
Built a full-stack Social Security Fund platform with a claims module for employees to submit and track health-related claims. Developed a secure Python backend API and a responsive React frontend with role-based access and automated Selenium testing.

Remember, *Python, FastAPI, PostgreSQL*
Built an AI-powered application that lets users log where they placed objects in natural language and retrieve them through conversational queries. The system parses user input, stores object-location pairs, and responds naturally when asked. Built with Python and FastAPI, with PostgreSQL for persistent storage

Semantic Job Matching System
A full-stack semantic job matching system with a FastAPI backend and React frontend. Features AI-powered resume parsing, embedding-based vector search, and LLM reranking to match resumes against job descriptions, plus a REST API for managing jobs and resumes.

Nikki

EDUCATION

Bachelor of Computer Application, *St Lawrence college* 2023 – 2027(Expected)