Ayush Suryawanshi

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Skills

- **Languages:** Python, JavaScript, SQL.
- **Tools & Frameworks**: MCP, RAG, Django, Flask, FastAPI, ChromaDB, MySQL, MongoDB, PostgreSQL, SQLite, Pandas, NumPy, EC2, S3, AWS, Nginx, Gunicorn, HTML, CSS, Docker, Kubernetes, CI/CD, Linux, Git, Celery, Redis.
- **LLM's:** Llama 3 (8B, 70B, 405B), OpenAI (3.5-Turbo, 4o), Gemini (1.5 Flash, 2.0 Flash), Granite Code 8B, DeepSeek (R1).

Professional Experience

Senior Software Engineer | Innoviti Technologies – Bengaluru   **September 2024 – Present**

- Transformed unstructured text from customer & technical support ticket's data to training ready format using **Pandas** and **NumPy** libraries and used the data to **Fine-Tune Llama 8B** model helping **cut ticket resolution time by 10%.**
- Developed **Fraud Detection Model** using **Claud's 3.7 Sonnet** and Python's **Pandas** library helping **flag fraudulent merchants/transections effectively by 40%.**
- Engineered **Price-Match**, an automated data extractor built on **Selenium** to dynamically scrape pricing data from partner platforms. Integrated **Gemini Flash 1.5** for intelligent filtering, enabling seamless adaptation to backend structure changes & **eliminating manual labor resulting in 50% higher accuracy**.
- Developed **Brand Config Automation**, a tool that compiles data from an email pipeline across multiple formats cleans and preprocesses and configure standard promotions and schemes using **Llama's 405B** parameter model resulting in **optimizing the overall process time by 70%.**
- Created an **MCP server** to analyze email inbox using **Python, OpenAI's Whisper, RAG pipeline.**

SDE 1 | Pheonix Solutions – Bengaluru   **July 2022 – July 2024**

- Developed **Social Profile Scraper** a Selenium based tool to scrape off social media profiles to be analyzed using **Gemini's Flash 1.5** model and segregated according to defined parameters.
- Design **Algorithmic Trade scripts** for an independent client using **Python**, **CoinDCX's API** for trade execution and **CoinMarketCap API** for the latest news analysis using **Llama 70B** LLM.
- Developed **Compliance Tracking System** for a logistics firm, an automated platform built on **Django** that analyzes MVR and License records using **PyPDF** library, the platform **helps cut analysis time by 30%.**
- Designed and developed **OneGram**, an inventory management system for an ecommerce startup developed on **Django** backend **celery** for task scheduling & **HTML** and **CSS** for frontend, the platform helped **prevent stockouts by 15%.**

Intern | KPMG India – Ahmedabad   **Jan 2022 – June 2022**

- Designed **Automated License Analyzer** for **KPMG Software Asset Manager (KSAM)** which parses through client licenses using **PyPDF** library and segregates information to be pushed to **SQLite** database **resulting in cutting analysis time by 90%.**
- Analyzed **$7 million** worth of client licenses data to drive actionable insights and created a live dashboard using **Power BI**.
- Developed **Task Status Manager** using **Django** based **HTML & CSS** hosted over **AWS EC2** that helped the managerial team manage tasks better by keeping a bird's eye view.

Education

Gujarat Technological University, Ahmedabad   **July 2018 – June 2022**

- Bachelor of Engineering | 8.73 CGPA

Credentials

- Completed **Machine Learning** with **Python coursework** (FreeCodeCamp).
- Completed **Google's Data Structure and Algorithms**.
- Completed **Prompt Engineering for Developers** coursework (DeepLearning.AI).