

Manoj Kumar B

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Profile

Python Developer specializing in automation, data pipelines, and chatbot development. Successfully built tools that streamline fiber installation, enhance system accessibility, and improve workflow efficiency. I am passionate about leveraging AI and automation to solve complex business problems.

Experience

SOFTWARE ENGINEER | PRODAPT SOLUTIONS | OCT 2024 – PRESENT

- Developed an ONT Activation Tool, enabling fiber installation technicians to activate ONTs with just two clicks, reducing manual work and improving efficiency. It reduced Tech Assist cases by 20%.
- Designed and implemented LLM-powered chatbots with a knowledge base to answer queries, integrating multiple data sources for enhanced system accessibility.
- Connected structured and unstructured data sources, enabling users to retrieve complex information using natural language.

ASSOCIATE SOFTWARE ENGINEER | PRODAPT SOLUTIONS | AUG 2022 – SEP 2024

- Built automation scripts and pipelines to streamline data processing and workflow automation.
- Developed a Python script using Beautiful Soup, Scrapy to automate web scraping and integrate data collection into an automation pipeline.
- Developed complex SQL queries and optimized database performance, resulting in a 30% reduction in query response time and enhanced overall system efficiency

Education

B.TECH. IN INFORMATION TECHNOLOGY | JUNE 2022 | VELAMMAL INSTITUTE OF TECHNOLOGY, CHENNAI

Skills & Abilities

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|------------------|-------------------|
| • Python | • Pandas |
| • FastAPI | • NumPy |
| • Flask | • GCP |
| • SQL/NoSQL | • API Integration |
| • Beautiful Soup | • Scrapy |
| • GEN AI | |