

Tushar Kumar

Python Developer

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Summary

Dedicated motivated Python Developer with a keen interest in Machine learning. A quick and tactical learner, adapt at rapidly acquiring and applying new skills. Committed to professional development with a single minded focused on mastering new technologies. "My approach to learning ensure I not by only acquire new skills quickly but also understand how to apply them effectively to solve complex problem."

Education

B.tech in CSE	2022-2026
Global Institute of technology & Management	
C.B.S.E (XII) 93%	2020-2021
S.R.V Global Academy	
C.B.S.E (X) 87%	2018-2019
S.R.V Global Academy	

Experience

Alactic AGI | Python, Flask, Next.js, Azure (Cosmos DB, Blob Storage, OpenAI), BeautifulSoup4, SocketIO

- Developed Alactic AGI, an enterprise AI dataset creation platform that processes multi-source web content and documents with AI-powered quality analysis, **enabling organizations to structure large-scale content with 95%+ accuracy rates.**
- Implemented real-time processing engine with intelligent quality scoring and adaptive filtering, automating dataset preparation workflows that traditionally required manual curation, **reducing content processing time by 70%.**
- Architected full-stack solution with **Azure Marketplace integration**, featuring project management dashboard and comprehensive analytics, supporting concurrent batch operations for thousands of sources with enterprise-grade scalability.

Projects

Friday | Python, Python Modules, Html, Css,Js, Sql, Hugging Chat, AI

- **Beyond the Command:** More than a tool, learn your habit, proactively suggests a task, provide timely reminder, take action faster with **lazy loading increase it's speed by 25%.**
- **Secure and protected:** Built a secure conversation with encryption and run locally where possible ensuring your personal information with **cryptography module makes it secure by 45%.**

ClarityFlow | Python, Modules(tkinter, bs4), threadings

- Developed ClarityFlow a python based **budget-tracker** which can cut-off your unnecessary expenses giving you a user-friendly interface, **resulting 20% reduction in expenses.**
- Utilized **data visualization techniques** to present financial information, leading to more informed spending decisions.
- Streamlined personal budget workflows, with separate window for your visuals, result in **enhancing overall efficiency by 30%.**

Scrapr | Python

- An advanced, smarter, deeper crawling it intelligently scrape data for even most **complex JavaScript heavy websites.**
- Built for performance and scale: It's engineered for speed and efficiency, drastically cut down processing time and **this increase it's speed by 30% than another scrapers.**

Technical Skills

- **Languages:** Python, JavaScript, Html, Css, Typescript, SQL
- **Framework/Libraries:** Django, React.js, Next.js, Node.js, REST API
- **Database:** SQL
- **Others:** Docker, Git, LLM(concepts & architecture), Linux, Hugging Chat, ML concepts.

Coursework

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|-------------------------------|-------------------------------|---------------------|
| • Object-Oriented Programming | • Data Structure & Algorithms | • Computer Networks |
| • Low-Level System Design | • Database Management Systems | • Operating system |