

# Tushar Kumar

## Python Developer

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## Summary

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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 only acquire new skills quickly but also understand how to apply them effectively to solve complex problem."

## Education

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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

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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

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**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

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- 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  |