

Tanish Vashisth

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SUMMARY

Backend-focused SDE with 1.5+ years building production systems in Django, Elasticsearch, and Celery. Shipped LLM-powered job matching features at Instahyre and backend infrastructure for a Shopify plugin at Xtage. Python-first with full-stack exposure across FastAPI, AngularJS, and React. Immediate joiner seeking backend or full-stack roles at product-driven startups.

EXPERIENCE

Software Development Engineer 1 (SDE-1)

Dec 2024 – Jun 2026

Instahyre

Noida

- **Bug Fixes & Features:** Triaged and resolved **1000+** P0/P1 issues across Django ORM, Elasticsearch, and Celery pipelines, directly improving platform stability and recruiter-facing reliability.
- **Hiring Suite for Consultancies:** Contributed to a major 2025 release enabling job/candidate sharing, increasing consultant retention by **30%+**, and improving hiring speed by **20%**.
- **Jobs Module Ownership:** Owned the Jobs module end-to-end; built **Magic Boost** and **Market Signal** to expand candidate pools and generate JD-aware recruiter insights.
- **Matching Relevance:** Improved skills and boolean-search matching logic, increasing the relevance of candidate suggestions across recruiter workflows.
- **API Performance:** Reduced critical API latency from **750ms to 120ms** using optimized raw SQL, cutting overall response times by **~30%**.
- **Fine-Tune:** Shipped an AI search-refinement feature that improved candidate relevancy by **70%** and increased candidate pool size by **40%**.

Back-End Intern

Aug 2024 – Nov 2024

Xtage

Gurugram

- **Pearch Backend:** Solely built the backend for a Shopify sorting plugin with **13,000+** installs, including ML-assisted ranking and configurable product signals.
- **API Optimization:** Optimized APIs for **200–300 visits/hour** using Celery queues for async background processing.
- **Shopify Billing:** Integrated Shopify subscription billing for recurring pricing and plan-management workflows.
- **Deployment & Docs:** Deployed on AWS/DigitalOcean with Docker and Nginx; documented APIs for frontend integration.

Python Intern

Feb 2023 – Apr 2023

Callisto Infotech

Remote

- **Full-Stack Development:** Built MERN/Django features for rashtriyatv.com, including a custom admin editor and publishing workflows.
- **REST APIs:** Built Django REST endpoints with JWT authentication, ORM models, and Tailwind CSS frontend components.

PROJECTS

Fasfas | *Django, AngularJS, React Native, Celery, Elasticsearch* | fasfas.in

- Built a full-stack fashion e-commerce platform with a Django REST backend, AngularJS web frontend, and React Native mobile app – live at fasfas.in.
- Integrated AI-powered fashion suggestion engine to surface personalized outfit and product recommendations; used Elasticsearch for product discovery and Celery for async order processing and notifications.

mcp-phabricator | *TypeScript, MCP, Phabricator API* | [GitHub](https://github.com)

- Built an open-source MCP server in TypeScript enabling AI agents to autonomously review code diffs with stack-aware prompts, generate task summaries, and manage Phabricator workflows.

Rune | *Go, Ollama, RAG* | [GitHub](https://github.com)

- CLI tool in Go that enhances local LLM capabilities via Ollama; implements a RAG pipeline for semantic search over personal notes, maintains conversation context, and enables offline AI-assisted querying.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, C++, Go

Frameworks & Tools: Django, FastAPI, Flask, Node.js, React.js, Next.js, AngularJS, Celery, Elasticsearch, Tailwind CSS

AI/ML: LLM Integration, Prompt Engineering, RAG, Ollama, OpenAI API, Vector Search

Infrastructure: AWS, Docker, Nginx, Kibana, PostgreSQL, MySQL, Redis, DigitalOcean

Dev Tools: Git, Postman, Neovim, Phabricator, Arcanist

Libraries: pandas, NumPy, Matplotlib

EDUCATION

Bachelor of Technology in Information Technology

2020 – 2024

Krishna Engineering College (AKTU)

CGPA: 7.54