

Vishisht Mishra

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SUMMARY

Final-year CSE student and full-stack engineer who has built web platforms end to end, from data modeling and backend APIs to interactive frontends, with hands-on experience in CI/CD, cloud deployment and LLM integration.

EDUCATION

Central University of Haryana

B.Tech. in Computer Science and Engineering

Mahendragarh, HR

Aug. 2023 – July 2027

• **CGPA:** 8.11 / 10.0 (latest SGPA: 8.78) | **GATE 2026 Qualified:** score of 488 in CS/IT, earned in 3rd year

TECHNICAL SKILLS & CERTIFICATIONS

Languages & Databases: TypeScript, JavaScript, Python, SQL, MongoDB, PostgreSQL, Redis, SQLite

Web & Backend: Next.js 15, React, ReactFlow, NextAuth, FastAPI, REST APIs, Microservices

DevOps & Cloud: GitHub Actions (CI/CD), Vitest, Docker, Kubernetes, Terraform, Microsoft Azure, GCP

AI Integration: LangChain, RAG, Tool Calling, MCP, Azure OpenAI

Certifications: [GitHub Foundations](#), [GitHub Actions](#), [GCP Associate Cloud Engineer](#)

EXPERIENCE

AI/ML Engineer

Feb. 2026 – Mar. 2026

Tohund Guide Business Consultants, Bangalore

Remote

- Rebuilt a multi-tenant RAG platform letting enterprise clients configure AI assistants over their own documents.
- Added web search and tool calling, cutting hallucinations and improving query routing by ~70–80%.

Software Engineer (Full Stack)

Oct. 2025 – Jan. 2026

Fuzzy Nodes (Client: Nexus Beings, Sydney)

Remote

- Built [Fleetware](#), a fleet and ERP platform, end to end in Next.js 15 and TypeScript as the only engineer on the project, covering inventory, manufacturing, order tracking and finance modules.
- Designed the backend and MongoDB data models, turning client operational requirements into workflow systems, with NextAuth authentication and Vitest tests.
- Built ReactFlow components to visualize operational node graphs, and added RAG-based stock querying.

Azure Cloud Engineer

May 2025 – Nov. 2025

Luxury In Taste, Hosur

Remote

- Built and maintained GitOps CI/CD pipelines with GitHub Actions for the organization's repositories.
- Integrated Azure OpenAI and Azure AI Vision into production workflows with the development team.
- Audited cloud resources and remediated inefficiencies, cutting Azure spend by 30–40%.

Research Intern, Jawaharlal Nehru University – low-resource neural machine translation

June 2026 – Aug. 2026

AI Intern, Planto AI – RAG developer copilot proof-of-concept

Feb. 2025 – Apr. 2025

PROJECTS

HumaneProxy | *Python, PyPI, MCP, FastAPI, SQLite, PostgreSQL, Redis*

Apr. 2026 – Present

- Built and maintain an open-source Python middleware (8.52K+ PyPI installs) that screens LLM chat traffic for self-harm and criminal intent through a 3-stage classification pipeline.
- Designed a swappable storage backend, a bearer-auth MCP server and a REST admin API with webhook alerts.
- Benchmarked at 92% recall (SimpleSafetyTests) and a 1.2% false-positive rate (XSTest).

GKE Pipeline | *GCP, Terraform, Docker, Prometheus, Grafana, Trivy, GitHub Actions, k6, Redis*

Feb. 2026

- Built self-healing GKE infrastructure with Terraform and zero-touch GitHub Actions deploys with Trivy scanning.
- Load-tested with k6, triggering HPA (2–10 pods) and cluster autoscaling (1–3 nodes); open-sourced as a template.

ACHIEVEMENTS & LEADERSHIP

- **INR 2,00,000 in DoT Grants:** Awarded INR 1,00,000 twice (2025, 2026) by DoT, Govt. of India and TCIL as a 5G Innovation Hackathon national finalist; led “AI Subtitle Glasses”, an edge-AI wearable for the hearing impaired.
- **Responsible Disclosure:** Reported a data exposure affecting 170,000+ people at GirlScript Foundation (logged by CERT-In, UK ICO and Singapore PDPC), and 4 Critical and 8 High severity vulnerabilities to Z.ai (Zhipu AI).
- **Lead, Google Developer Groups on Campus** (Aug. 2025 – Aug. 2026): led the university's developer community.