Yash Srivastava

yashsrivastavv@gmail.com +91 7518331187 linkedin.com/in/yash-stv github.com/yashsrivastavv

Education

Pranveer Singh Institute of Technology, Kanpur **Dec 2020 – June 2024**

Bachelor of Technology, Computer Science and Artificial Intelligence ***(GPA: 8.1/10)***

Experience

Senior Software Engineer, Info Edge (Naukri.com) - Noida, India **April 2026 - Present**

- Owned end-to-end design and delivery of a **topic-based broadcast notification system**, translating reliability requirements into a scalable architecture for high-volume, cross-channel communication delivery.
- Built **Dhwani's first voice evaluation system**, benchmarking STT and LLM accuracy (**Deepgram Nova-3**, **Gemini 2.5 Pro**) for an agentic voice stack powering recruiter-to-jobseeker calls, driving measurable improvements in call efficiency.
- Architected the **Time Affinity Service**, a statistical model paired with an hour-bucketed Kafka pipeline, improving delivery effectiveness by **43%** in early results.
- Established cross-team **alerting and monitoring systems** to proactively investigate and resolve data discrepancies, improving operational reliability across services.

Software Engineer, Info Edge (Naukri.com) - Noida, India **July 2024 - March 2026**

- Designed and built **Bugsleuth**, a distributed **Python microservice** with log parsing, regex pipelines, and MySQL-backed signature mapping, delivering high-precision bug deduplication and triage across CI/CD executions.
- Engineered a scalable **Python-based resume generation pipeline**, optimizing token usage and PDF conversion to cut compute cost by **30%** while maintaining consistent, production-quality output.
- Led development of **NaukriAIQ**, a Python/LangChain-based evaluation framework ensuring correctness and reliability of chatbot responses in production.

Projects

Connection Manager(TSP) - Whatsapp Integration Platform (Naukri.com) **May 2026**

- Designed and built a **multi-tenant WhatsApp TSP integration module** enabling enterprise clients to send messages via their own WABAs, powering **200,000+ outbound communications per day** across three vendor modes **(Infobip, Meta Direct, Naukri)** with a clean, microservice-extractable architecture **(Spring Boot, MongoDB, Aerospike, Kafka)**.
- **Engineered an async onboarding** pipeline with **OAuth-based WABA linking**, automated template whitelisting, and a status-lifecycle state machine, including race-condition handling via retry signaling for concurrent webhook callbacks.
- Implemented a **two-level caching strategy (Aerospike + in-memory, keyed by connection ID and sender ID)** with strict write-time invalidation to guarantee zero stale-credential sends at scale.

Bugsleuth - Your Personal Assistant Debugger **Sep 2025**

- Built **AI-powered bug analysis system** automating stack trace parsing, callgraph analysis, and code fix generation using LLMs, reducing manual debugging time across **Java microservices**.
- Integrated **end-to-end GitLab automation** for creating merge requests with **AI-generated fixes**, featuring intelligent code replacement, branch management, and interactive Git workflows.
- Engineered **batch processing pipeline for multi-repository concurrent analysis** with session tracking, smart filtering, and comprehensive reporting capabilities
- Reduced manual triage effort by over **60% through automated classification**, deduplication, and prioritization of recurring automation and production failures.

Achievements

- Won **Ace Techie of the Year** for architecting the **Time Affinity Service**, a Kafka-based peak-engagement targeting system.
- Earned **SPOT Award** for developing GenAI-powered resume generator, and NaukriAIQ a LLM evaluation framework.
- Won **Team Excellence Gold Award** (InfoEdge Merit Awards) for exemplary contribution to **Dhwani - Agentic Voice Stack**.
- Served as a judge for **OSDHack 2026**, evaluating innovative open-source projects and solutions from a pool of **2,500+ participants** based on technical implementation, originality, usability, and real-world impact.
- Qualified **GATE 2024** with commendable rank.

Skills

Languages: Python, Java, JavaScript, TypeScript, Solidity, C
AI/ML: LangChain, LLM Pipelines, TensorFlow, Hugging Face, RAG, Prompt Engineering, Statistical Modeling
Backend & Infra: Spring Boot, REST APIs, Kafka, Aerospike, Kubernetes, Docker, Jenkins
Databases: MySQL, MongoDB, Aerospike, Elasticsearch
Cloud & Tools: AWS, Git, ML Flow, Jupyter