

Yash Bisht

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GitHub | LinkedIn | Portfolio

Profile

Versatile Full Stack Developer (2+ YOE) with deep expertise in MERN stack, GenAI pipelines, and cloud-native SaaS systems. Proven ability to design and ship scalable, production-grade platforms using React, Node.js, MongoDB, and Next.js in CI/CD workflows. Skilled in AI-powered app development, modular architecture, and building end-to-end systems that integrate LLMs, embeddings, and real-time data. Passionate about performance optimization, DevOps best practices, and delivering high-impact user experiences.

Technical Skills

Languages/Frameworks: JavaScript, TypeScript, React.js, Next.js, Node.js, Express.js, Redux, NestJS, Python, FastAPI
Styling/Frontend Tools: Tailwind CSS, HTML5, CSS3, Headless UI, Lucide Icons, Framer Motion

Databases/Cloud: MongoDB, PostgreSQL, Firebase, MongoDB Atlas, Cloudinary, Google Cloud (GCP), Azure, Render
DevOps/Architecture: REST APIs, JWT Auth, MVC & Modular Architecture, GitHub Actions, CI/CD Pipelines, GCP Buckets

AI/Automation: Prompt Engineering, GenAI APIs (OpenAI, Gemini), RAG Pipelines, Vector Search, AssemblyAI, Power Automate

Professional Experience

Software Engineer – Turing Labs

Nov 2025 – Present | Remote

- Building and shipping client-facing SaaS and AI-driven products, developing scalable frontend and backend features using React, TypeScript, and Node.js.
- Implementing GenAI workflows including RAG-based chat systems, semantic search, and AI-assisted features using OpenAI and Google Gemini.

Software Engineer – Dumroo.ai & Orfiq

2025 | Remote

- Built AI-powered EdTech and learning platform features including RAG-based chat, automated lessons/quizzes, and semantic search.
- Developed responsive, high-performance interfaces using React, TypeScript, and Tailwind CSS with dark/light mode support.

Software Engineer – ModusETP

Aug 2023 – Apr 2025 | Remote

- Built and optimized an enterprise survey platform serving 10K+ users, achieving sub-300ms load times through performance tuning.
- Improved database performance by 30% and increased frontend delivery velocity by 40%.

Projects

GenAI Video Intelligence System

[Live Demo](#)

Node.js, MongoDB, FFmpeg, Cloudinary, AssemblyAI, Google Gemini, React, Tailwind

- GenAI pipeline to extract, transcribe, embed, and cluster video segments using DBSCAN + cosine similarity.
- Scored clips in real-time (clarity, confidence, semantic relevance); enabled AI-driven highlight preview and export.

PDF Professor – RAG Workflow

[Live Demo](#)

React, Express.js, Supabase, OpenAI, Google AI API, Tailwind

- Built a multilingual PDF assistant with RAG using Supabase vector DB for translation, data extraction, and contextual chat.
- Used OpenAI for semantic search and Google AI for translation, enabling smart query and document download features.

Bloggo – GenAI Blogging SaaS (MERN)

[Live Demo](#)

MERN, Google Gemini, Google OAuth, JWT, Nodemailer, Cloudinary

- Full-stack blogging platform with Google Auth, friend system, comments, email alerts, and media uploads.
- Integrated Gemini to auto-generate blogs from a single prompt—merging GenAI with real-time social content.

Education

Bachelor of Computer Applications – GGSIPU, TIAS

2022

CGPA: 8.0

Senior Secondary (Science) – CBSE

2019