

Ansh Deshwal

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SKILLS

- **Languages:** C++, TypeScript, SQL
- **Frameworks & Libraries:** Next.js, React.js, Express.js, Node.js, Prisma, Tailwind CSS, Shadcn
- **Cloud & Devops:** AWS (EC2, ECS, ECR, Auto Scaling Groups, lambda), Docker, Kubernetes, CI/CD (GitHub Actions) Monitoring (Prometheus, Grafana), Serverless Concepts, Helm, ArgoCD, Gitops, Kafka
- **AI & Data Engineering:** LangChain, RAG, n8n, MCP (Model Context Protocol), LLM memory
- **Databases:** MongoDB, PostgreSQL (Neon), Vector Databases, Redis
- **Soft Skills:** Problem Solving, TeamWork, Time Management

PROJECTS

[Convorbit AI](#) | [Github](#)

Jun' 25 – Mar' 26

- Built a full-stack AI meeting intelligence SaaS that auto-joins Zoom/Google Meet/Teams calls, generates transcripts, summaries, and action items, and enables users to chat with meeting content using a RAG pipeline (OpenAI + Pinecone).
- Engineered production-grade integrations across Google Calendar, Slack, Jira/Asana/Trello, and Stripe subscriptions/webhooks, creating an end-to-end workflow from meeting capture to task sync and billing automation.
- Developed and deployed a scalable Next.js 15 + TypeScript platform with Clerk auth, Prisma/PostgreSQL, and AWS services (Lambda/S3/EventBridge), with secure webhook handling and multi-tenant usage tracking for SaaS operations.

Tech Stack: Next.js 15, React 19, TypeScript, Pinecone, AWS S3, AWS Lambda, Razorpay, Slack Bolt, Google Calendar API, Jira API, Asana API, Trello API.

[BugHop AI](#) | [Github](#)

Feb' 26 – Mar' 26

- Built an end-to-end AI GitHub assistant (FastAPI + Next.js + Prisma) that ingests repository events, performs semantic code retrieval, and posts automated PR/issue review feedback with custom team rules.
- Designed a production-style RAG pipeline using embeddings and vector search (OpenAI + Qdrant + async workflows) to power repo-aware chat, issue assistance, and automated fix-PR generation.
- Implemented SaaS platform controls including Clerk auth, per-plan usage metering, analytics dashboards, and Polar-based subscription billing (checkout, portal, webhook-driven plan state sync).

Tech Stack: Next.js 16, React 19, TypeScript, FastAPI, Python, PostgreSQL, Prisma, Qdrant, Inngest, Polar.

[PingNova](#) | [Github](#)

Feb' 26 – Mar' 26

- Built PingNova, a website monitoring platform using Next.js, Express, Bun, Prisma, and PostgreSQL, enabling users to add URLs and view real-time uptime and response-time health in a unified dashboard.
- Engineered an event-driven monitoring pipeline with Redis Streams and consumer groups: periodic website ingestion, asynchronous health checks, and batched tick persistence to the database for higher throughput and reliable processing.
- Implemented production-style backend foundations with JWT authentication, bcrypt password hashing, schema validation, and integration tests for auth and website endpoints to ensure secure, multi-user access control.

Tech Stack: TypeScript, Next.js 16, React 19, Tailwind CSS 4, Express.js 5, Redis-based worker queues, Turborepo.

TRAINING

PEP – Professional Enhancement Program

Jun' 25

- Built full-stack MERN website focusing on RESTful APIs and integrating the frontend with the backend.
- Gained hands-on experience in web development practices, including version control with git.

CERTIFICATES

• Data Structures and algorithms — [Neocolab](#)

Mar' 25

• Object Oriented Programming — [Neocolab](#)

Feb' 25

ACHIEVEMENTS

• Solved 500+ DSA problems on various coding platforms like leetcode, geeksforgeeks and codingninjas

Mar' 26

• **Smart India Hackathon:** Developed a Ayurveda website in 36-hour hackathon and reached the finals of Smart.

Sept' 25

EDUCATION

Lovely Professional University

Punjab, India

Bachelor of Technology - Computer Science and Engineering; CGPA: 7.9

Aug' 23 – present

Victoria Public School

Intermediate; Percentage: 87.4

Amroha, Uttar Pradesh

Apr' 20 – May' 22

St Mary's Convent School

Matriculation; Percentage: 93.4

Amroha, Uttar Pradesh

Apr' 18 – Mar' 20