

ASHISH VATS

New Delhi | gmail | +91-8287877835 | LinkedIn | github | Twitter | Portfolio

Technical Skills

Languages: JavaScript, TypeScript, Python, SQL, Java, C, C++, HTML, CSS

Frontend Technologies: Next.js, React.js, Tailwind CSS, ShadCN UI, TypeScript, Framer Motion

Backend Technologies: Node.js, Express.js, REST APIs, GraphQL, ORM, WebSockets, Redis, JWT, Auth0

Databases & Cloud: PostgreSQL, MySQL, MongoDB, SQLite, Supabase, AWS, Docker

AI & Integrations: OpenAI APIs, RAG Pipelines, LLM Integrations, Speech/Voice Recognition

Experience

Software Engineer, Turing Labs - Remote Oct 2023 - Present

- Built and launched 7+ full-stack MVPs from scratch using **React.js, Node.js, PostgreSQL, GraphQL, Docker** and **CI/CD**, reducing startup time-to-market by **60%** and increasing early user adoption by **40%**.
- Developed a **brand-creator platform** and an **AI video system using RAG, LLMs, ML models** and **speech/voice recognition**, improving content generation speed by **55%** and reducing manual effort by **70%**
- Engineered scalable backend services with **Node.js, PostgreSQL** and **Redis caching**, increasing API throughput by **35%** and lowering average response times by **28%**.
- Built **CI/CD pipelines using Docker, GitHub Actions, and AWS**, and strengthened authentication with **JWT, Auth0, and Firebase**, reducing deployment time by **40%** and cutting production hotfixes by **30%**.

Software Developer, Mindpop - Mumbai Apr 2025 - Dec 2025

- Built and launched **Popcom**, a creator-commerce startup subsidiary of Mindpop Media, owning end-to-end product development from **system architecture** to **production deployment**.
- Engineered a scalable full-stack platform using **React.js, Next.js, Node.js, PostgreSQL, Supabase, AWS, and Docker**, enabling creator onboarding, smart links, analytics, and commission tracking.
- Designed secure **APIs, authentication, and real-time analytics pipelines**, improving platform performance, reliability, and data accuracy at scale.

Projects

Selfscape - Mental Health Monitoring and Insights Platform | Github 2025

- Built a full-stack mental health platform with **Next.js, ShadCN UI, and Supabase**, featuring mood tracking, **AI-driven insights**, and **real-time PostgreSQL visualizations**, boosting user engagement by **35%** and accelerating insight generation by **40%**.
- Developed an **AI powered chatbot with OpenAI API** and a secure therapist booking system using **Supabase Auth and JWT**, increasing user retention by **20%** and reducing booking errors by **25%**.
- Implemented secure **E2E encryption** and **GDPR-aligned CI/CD workflows**, reducing security issues by **30%**.

Popcom - Creator Commerce & Sales Attribution Platform 2025

- Developed a **production-grade sales attribution platform** converting influencer traffic into **trackable revenue and commissions** through smart links and conversion tracking.
- Built **real-time analytics dashboards and reporting systems** to monitor clicks, conversions, revenue, and creator performance.
- Deployed and optimized **cloud-native infrastructure** with **AWS, Docker, PostgreSQL, and CI/CD pipelines**, ensuring scalability, security, and high availability.

Education

Dr. Akhilesh Das Gupta Institute of Technology and Management, B.Tech in Electronics and Communication Engineering Aug 2019 – Jun 2023

- GPA: 9.0/10.0