

Amitoshdeep Singh

amitosh.site

Email: amitosh1999@gmail.com

Mobile: +91 85448-90833

github.com/Amitoshdeep

EDUCATION

Chitkara University

Bachelor of Computer Application – **CGPA: 9.8**

2024-2027

Rajpura, Punjab

PROJECTS

AuthenX: (Team Project)

- Architected a Generator→Validator loop with LangChain and Amazon Bedrock to detect and reduce LLM hallucinations.
- Integrated SerpAPI fact-checking and Pydantic schemas for verified, structured AI outputs.

AASK IDE: (Team Project)

- Built a lightweight desktop IDE with a modular extension marketplace for customizable development workflows.

ArcLane:

- Built a full-stack link curation platform using React, Express, MongoDB, and Mongoose with authenticated admin moderation.
- Implemented role-protected CRUD workflows with URL validation, normalization, and multi-URL editing.

HACKATHONS

Saviskar 2025 - Top 5

Chandigarh Group of Colleges, Mohali

Oct 2025

- Built a real-time university bus tracking application with ETA and passenger information.

Formula Hacks 2025

Chitkara University, Punjab

Oct 2025

- Developed an AI-powered CSR platform with an F1-inspired interactive experience.

Next Quantum 3.0

Gulzar Group of Institutes, Khanna

Feb 2026

- Built a cross-platform visual IDE for modern web development workflows.

Hack n Win 3.0

Chandigarh Group of Colleges, Mohali

Mar 2026

- Built a GitHub PR guard for automated pull-request validation and code-quality checks.

Hack Helix 2026

Thapar Institute of Engineering & Technology

Apr 2026

- Built **AuthenX**, a dual-LLM platform for detecting and auditing AI hallucinations.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, C++

Frontend: React.js, Next.js, Tailwind CSS, HTML/CSS

Backend: Node.js, Express.js, REST APIs

Database: MongoDB, PostgreSQL, MySQL

Tools & Platforms: Git, GitHub, Linux, Postman, Vercel