

Ayush Singh

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Summary

Software Developer with over three years of hands-on experience in **Web Development** and **Generative AI**. I have led hackathon teams during college and represented myself at the **Amalthea '25 Hackathon** at **IIT Gandhinagar**. I am looking forward to applying my skills by working on meaningful, real-world projects.

Skills

Languages & Tools - C, C++, JavaScript, TypeScript, Python, SQL, Linux, Docker, Git and Github.

Generative AI - Langchain, Langgraph, DSPy, RAG, Graph-RAG, ADK, MCP and A2A protocols.

Web Technologies - NextJS, Express, MongoDB, React, Node, ShadCN, Drizzle, Astro, HTML and CSS.

Education

Lakshmi Narain College of Technology

2026 | Bhopal, MP

B.Tech in CSE with specialization in AIML - CGPA - 8.52

12th - Dev Public School - CBSE - 88.8%

2022 | Jashpur, CG

10th - Kendriya Vidyalaya - CBSE - 92.8%

2020 | Jashpur, CG

Experience

Maventic Innovative Solutions, AI Trainee

Jan 26 - Present | Bhopal

• Enterprise-ready Agentic platform integrating SAP OData, Google ADK, MCP tooling and A2A Protocol

CogniAlz, Freelance Developer

July - August 2025 | Remote

• Worked as a Next.js developer, improving accessibility, language internationalization, and animations.

We Win Limited, Intern - MERN Stack

April - July 2025 | Bhopal

• Worked on dashboards, charts, and UI/UX and backend APIs for the ERP web application using ReactJS.

Projects

Graph Agent Platform

[Agents](#)

- A platform with multiple agents and tools all connected to each other for solving complex agentic problems.
- Structured outputs, reasoning, memory, and tools with Google ADK, DSPy, Langchain, Neo4j, MCP and A2A

AI Persona Agent

[Persona](#)

- Personal agent built using Anam AI, where you can interact with a real-time video of an agent, built using Web-Sockets, Vite and ReactJS.

Content Management System

[Editor](#)

- Application built using NextJS and PostgreSQL with BetterAuth and AI Integration to help users craft articles, notes and content with Rich Text Editing.

Certifications

- Cisco Networking: Completed a Virtual Internship in Networking, from May 2024 to July 2024.
- ServiceNow Cohort: Business Workflows in ServiceNow Platform from November 2024 to December 2024.