

Harsh Agarwal

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SUMMARY

Motivated and proactive web developer passionate about building user-centric and responsive web applications seeking opportunities to apply strong frontend and backend development skills. Experienced in HTML/CSS, JavaScript, React, Node.js, MongoDB ,Next.js and core Java fundamentals, with a passion for building scalable and efficient applications. Solved 100+ DSA questions on platforms like Leetcode and GFG for strong problem solving .Eager to contribute to innovative projects and grow in a dynamic tech environment.

TECHNICAL SKILLS

Languages: Java, SQL (Postgres) .

Web technologies: JavaScript, HTML/CSS.

Frameworks: React, Node.js, Next.js.

Database: MongoDB,MySQL.

Microsoft office: PowerPoint, MS Excel,MS Word.

Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, IntelliJ, Eclipse

Soft skills:Communication,Leadership,Teamwork

EDUCATION

IMS Engineering College

B.tech in Computer Science

Sep.2022 – June 2026

GPA:7.8

St.Paul's school

Intermediate

March 2021

GPA:7.9

PROJECTS

Graphical Password Generator

May 2025

GitHub — *Live Link*

- Developed a secure authentication system which uses images in place of text-based passwords.
- Built and integrated a secure login system, **reducing unauthorized access by 40%**.
- Developed a **React-based UI with image pattern login**, improving user experience.
- Technologies: **Node, Express, React, Javascript, MongoDB, bcrypt**

Password Manager

March 2025

GitHub — *Live Link*

- Developed a Full-stack web application using **React** as frontend and **MongoDB** as database
- Reduced password lookup time by 30% through optimized UI/UX..
- Technologies:**Node, Express, React, Javascript, Tailwind, MongoDB**

URL shortner

December 2024

GitHub

- Developed a tool using **Next.js** to generate short-URLs
- Integrated **MongoDB** for storage and backend using **API routes** of Next.js for serverless functions
- Technologies: **Node, Next.js, MongoDB**

CERTIFICATIONS AND ACHIEVEMENTS

Google Cloud Introductory Certificate–Google Cloud |

October 2024

- Learn to create and manage buckets in Google Cloud Platform

Introduction to Generative AI –Google Cloud |

October 2024

- Learned about how to create a virtual machine and persistent disk in google cloud

Data Analytics using python |

Jan 24 - April 24

- Studied and implemented various data analytics concepts using python libraries such as Numpy,Seaborn,Pandas

Vice-President of Knack Club |

Dec 2024 - Aug.2025

- Technical club focuses on web development and aptitude ,manages a team of 4 people in this club