SHIVANI SINGH

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SUMMARY

Enthusiastic B.Tech Computer Science undergraduate with a passion for frontend development and UI/UX designing. Proficient in Java and Python, with a Strong foundation in algorithm design and core CS concepts. Eager to learn, contribute to a dynamic team, and apply problem-solving skills in a collaborative environment.

EDUCATION

B.tech in Computer Science
Galgotias University (2023- present)
CGPA-9.46/10
Relevant Courses: **DSA, OOPS, DBMA, Computer Networks, Operating System**

TECHNICAL SKILLS

Languages: Java, **JavaScript**, **Python**

Frameworks: HTML, **CSS**, **Tailwind CSS**, **React JS**

Core Skills: Problem Solving, **Data Structures and Algorithms**, **DBMS**, **Object-Oriented Programming**, **Frontend Development, UI designing**

Tools: VS Code, **Canva, Figma**

Other skills: Prompt Engineering, presentation Design

INTERNSHIP

AWS Academy Cloud and Generative AI— Eduskills   **2025**

- **Executed cloud-based solutions** using core **AWS services,** including **EC2**, **S3**, **IAM**, **VPC**, and **Lambda**.
- **Analyzed** and **strengthened cloud architecture**, **security**, **monitoring**, and **cost optimization** practices.
- **Designed**, **built**, and **deployed** sample **cloud applications** following **AWS architectural best practices**.

PROJECTS

Stock trading platform / *MERN Stack*
- **Developing a real-time stock trading simulation platform with user dashboard, API integration, and trade analytics**.
- **Working with React Components, Node.js, Backend, and MongoDB data modelling.**

AI-Based Time Table Generator / *django, Machine Learning*
- **Designed and developed** a real-time **AI-based Time timetable generator** using **Django and Genetic Algorithm, and basic frontend Components.**

CERTIFICATIONS

- **AWS Academy cloud and generative AI** – virtual internship
- **Python and Java Basics** – HackerRank
- **Pre-Qualifier Round** of **Smart India Hackathon 2024**
- **Pre-Qualifier Round** of **Smart India Hackathon 2025 (Rank-7th)**
- **Oracle Academy** – for database skills and learning

ACHIEVEMENTS

- **Qualified** the **Pre-Qualifier Round** of **Smart India Hackathon 2024**
- **Qualified** the **Pre-Qualifier Round** of **Smart India Hackathon 2025 with 7th rank**
- **Selected for National Round** among top-performing teams
- Maintained **9+ CGPA** reflecting academic excellence and dedication