

# Simran Parmar

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## Education

**Jaypee University of Engineering and Technology**

**2021 – Present**

*Bachelor of Technology, Computer Science*

*Guna, MP*

**Coursework:**

- Operating Systems, Data Structures & Algorithms, Computer Networks, Object Oriented Programming, Digital Systems & Microprocessors, Computer Organization & Architecture, Database Systems

**Kendriya Vidyalaya**

**Apr 2020**

*Higher Secondary Education: CBSE*

*Guna, MP*

**12th:** 81.4%; **10th:** 76.8%

## Experience

**Web Development Intern, TechOctaNet Services Private Limited**

**June - Aug 2024**

**Front-End Development**

- Developed and optimized responsive landing pages using HTML, CSS and Tailwind enhancing user experience and ensuring compatibility across devices
- Collaborated with designers to implement modular UI components, aligning layouts with modern web design standards

**Code Quality & Performance**

- Applied best practices in web page development, focusing on clean, modular code to streamline future maintenance
- Conducted browser testing and debugging to ensure seamless performance and cross-browser compatibility control systems (Git) to manage code efficiently and collaborate with the team.

## Academic Projects

**Machine Learning Playground**

**Oct – Dec 2023**

- Built a automation tool for streamlining ML model training & comparison, removing complex development setups
- Developed an interactive web app using Rust, Python, Svelte, & Node.js. Handling tasks like optimized data exchange using protobufs or gRPC, secure file handling for arbitrary-sized files, and introduced Redis-based prediction caching

## Skills

- |              |           |           |
|--------------|-----------|-----------|
| - C/C++      | - HTML    | - MongoDB |
| - JavaScript | - CSS     | - Svelte  |
| - Python     | - MySQL   | - SQLite  |
|              | - Node.js |           |

## Certifications

**Data Structures and Algorithms in Python, SkillSoft**

**2022**

**Software Engineering and Agile software development, Infosys Springboard**

**2023**

**Be a Digital Marketing Expert, UnStop**

**2023**

## Extracurricular Activities

- Volunteer Experience: Volunteer Fundraiser for Cancer Patients
- Interests: Historical and Scientific Documentaries, Geopolitics, Indian Politics, Social Issues
- Sports: Badminton, Basketball