

# Shivam Singh

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[Github](#) | [LinkedIn](#) | [Website](#)

Hazaribagh, Jharkhand | Willing to Relocate

## Work Experience

### Tata Technologies

May 24 - July 24

- Dived into vast datasets, extracting valuable insights, patterns and trends. Through visualizations and statistical analysis to process all employee complaints regarding workplace safety and use of safety gear in the manufacturing line.
- Worked with numpy, tensorflow, matplotlib libraries in python.

### Siddhi Vinayak Enterprises

Apr 21 - Apr 22

- Led a diverse team of 10 in the spirits and beverages industry, managing thousands of customers daily to ensure the smooth functioning of the business.
- Devised new operational processes with the Department of Excise and Prohibition that gave an immense boost to efficiency.

## Projects

### Apple of Steve : [GitHub](#) | [Website](#)

JavaScript, TypeScript

- Built and deployed an E-commerce website on the products released by Apple Inc. in the era of Steve Jobs.
- Utilized fairly common Production Level tools like Next.js, Sanity CMS, Redux and Stripe' API for Server Side Rendering to improve loading times by 90%, managing products, consistent behavior, and payments processing respectively.

### 3D Room Portfolio : [Website](#)

Blender, JavaScript

- Designed and prepared a portfolio website that interactively visualizes features of a student's dorm room.
- Constructed 3D models from scratch and reduced their size by 80% using Blender, while implementing animation, camera movements, rendering, and lighting with Three.js.
- Wrote extensive code for JavaScript and Three.js, along with substantial HTML and CSS to compile the scene into a web page.

### Rain Prediction Model and Analysis : [Colab](#)

Python

- Completed a collaborative project under the guidance of three technical mentors in an environment facilitated by Harvard graduates.
- Trained and optimized a model to predict rainfall in Australia using a comprehensive dataset. Established an ANN model that achieved high accuracy and precision, delivering strong overall results.
- Defined an ML model using logistic regression with an advanced neural network in Python with TensorFlow.

## Education

### SRM Institute of Science and Technology | Bachelor of Computer Application (BCA)

Kattankulathur, TN

Specialization in Data Science

Grad. May 25

### ST Xavier's School | Matriculation and Higher Secondary (CBSE)

Hazaribagh, JH

Mathematics and Science with Computer Science

Grad. May 21

## Skills

**Programming Languages:** Python 3, JavaScript, C++, CSS, HTML.

**Tools:** Blender, Next.js, React, Three.js, NodeJS, Tailwind CSS, MySQL, Docker, AWS.