

# Aaryan Verma

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## EDUCATION

### Bachelor of Technology (Computer Science)

Pranveer Singh Institute of Technology

2019-2023

CGPA: 7.43.

## EXPERIENCE

### 1. Mavonic Technology Pvt. Ltd.

May, 2024–Present

#### Associate Software Developer

Remote

- Trained on MERN stack.

### 2. Razorpay Software Pvt. Ltd.

August, 2023–February, 2024

#### Junior Technical Consultant

Bangalore

- Managed GMV of 5-100 Crore merchants for a leading enterprise merchant.
- Troubleshooted production API issues and debugged logs (SQL, Query Book, Postman, Sumo Logic).
- Owned payment ecosystem health: facilitated meetings & monitored live transaction success.

### 3. EddyTools Tech Solutions

June, 2023–August, 2023

#### Trainee Software Engineer

Remote.

- Developed and rendered features for hands-on IT department projects and initiatives.
- Trained in Full Stack Development.

## PROJECTS

### Decentralized Multichain E-Commerce

<http://nft-gravity-seven.vercel.app/>

- Created a dApp that enables users to seamlessly organize events and manage product warranties.
- Employed Multichain Architecture, integrating three blockchains with expandable capacity (10+), for superior scalability and seamless interoperability, ensuring a robust and extensible platform.
- Implemented secure distributed storage using IPFS, achieving an impressive 99.99% uptime, to store NFT images and metadata, enhancing data security and accessibility.
- Designed a revenue-maximizing system for organizers, resulting in a 25% increase in event revenue through economical ticket pricing and a 40% reduction in warranty processing time, benefiting all stakeholders.
- Tech stack-React/Next, Node, JavaScript, Solidity, Smart Contracts, Asynchronous Programming.

### Stock Market Analysis

<https://github.com/aaryan-verma/sma/>

- Devised a predictive model for NSE Stocks & Indices, achieving a precision of 95% in identifying reversal, breakout, and breakdown zones, by performing data resampling across 4-time frames.
- Visualized predictions on an interactive line chart, making it easy to analyze and contributing to a 25% improvement in user engagement.
- Incorporated real-time data updates and seamless integration with financial APIs, fostering up-to-date market information for users, contributing to a 30% reduction in data latency.
- Achieved an accuracy rate of up to 90%, translating to a 20% increase in successful trades and solidifying a reliable tool.
- Tech stack-Python, Data Science.

### Todo App

<https://todo-node-react.vercel.app/>

- Crafted a feature-rich, multi-user Todo app that increased task completion efficiency by 30% and improved user satisfaction with its intuitive interface.
- Implemented secure user authentication using JSON web token (JWT), culminating in a 99.9% reduction in unauthorized access attempts.
- Optimized personalized Todo lists and efficient MongoDB data storage, leading to an 80% reduction in data retrieval times and ensuring a smooth and reliable task management system for users.
- Engineered 5+ custom API endpoints for resilient backend functionality and data integrity.
- Tech stack-Node, Express, MongoDB, React, EJS.

## ADDITIONAL

### Skills

**Languages:** JavaScript, Python, Java, C/C++, SQL

**Technologies:** Git, Cloud, Data Science, Blockchain

**Tools:** Jira, Coralogix, Querybook, Freshdesk

**Frameworks:** Node, React, Flask, Selenium

**Databases:** MySQL, MongoDB

**Others:** DSA, DBMS, OOPS, System Design

### Achievements

- Attained global rank 93 in CodeChef Long One Challenge
- Achieved global rank 699 in GeeksforGeeks Job-A-Thon 7 Hiring Challenge

March, 2022

March, 2022

### Interests

