

# Srijan Maurya

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## Education

**Vellore Institute of Technology, Bhopal**

*Nov 2022 – Present*

*Bachelor in Technology, Computer Science and Engineering*

- CGPA: 8.55/10

## Skills

**Core Computer Science:** Data Structures & Algorithms, Problem Solving, Complexity Analysis, Object-Oriented Programming (OOP), Operating Systems, Database Management Systems (DBMS)

**Programming Languages:** Java, JavaScript

- **Web Development:** React.js, Node.js, Express.js
- **Databases:** MongoDB, SQL
- **Version Control:** Git, GitHub
- **DevOps/Cloud Fundamentals:** Docker, Linux, Nginx

## Experience

**Dataverse Insights**

*Jan 2025 - March 2025*

*Freelance*

- Engineered RESTful APIs using Node.js and Express to integrate the PayPal payment gateway, processing an average of 1,000 transactions daily with a 99.99 percent success rate.
- Developed multiple APIs to handle **20,000 user records** in the admin panel and handle **2,000 monthly active users** efficiently.
- Secured website infrastructure by configuring robust firewalls and intrusion detection systems on Ubuntu Linux, mitigating 15+ potential security breaches and vulnerabilities, improving overall system security by 20 percent.

## Projects

**Zero-Touch CI/CD Pipeline**

*June 2025*

- Implemented a **Zero-Touch CI/CD pipeline** for a Node.js application, automating **building, packaging, and deployment** without manual intervention.
- Utilized **Docker** for containerization, **Jenkins** for continuous integration and delivery, and **AWS EC2** for deployment, demonstrating proficiency in DevOps practices.
- Showcased expertise in **Cloud Infrastructure** and **Automation** by integrating various tools to achieve a seamless and efficient software delivery.

**Code-Galaxy**

*December 2024*

- Developed a **Doubt Solving Platform** similar to Stack Overflow, enabling **2 authentication methods: Google Authentication** and **manual login**.
- Introduced 2 features, **posting questions, responding to doubts**, and 3 advanced functionalities such as **profile updates, up voting, and down voting answers**.

**Basic Chat App**

*December 2024*

- Deployed a **Chat Application** utilizing **Web Socket** for real-time messaging, allowing message broadcasting among users.
- We built the application using **Node.js**, integrating **Express.js** and **Web Socket** for seamless communication.
- Set up **SQLite database integration** to ensure message persistence and prevent data loss during user disconnections.

## Awards and Achievements

**AWS Solutions Architect - Associate Certificate Program**  
Offered By **ETHNUS**

April, 2025

**Bits and Bytes of Computer Networking**  
Authorized By, **Google**, Offered By **Coursera**

Dec 2023