

Srijan Maurya

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Education

VIT Bhopal University, *B.Tech in Computer Science and Engineering*

June 2022 – Present

- CGPA: 8.63/10

Skills

Data Structures & Algorithms, Object-Oriented Programming, Java, JavaScript, Node.js

Web Technologies: React.js, Express.js, MongoDB, PostgreSQL, Redis, Git, GitHub,

Cloud Technologies Docker, Linux, Nginx, AWS EC2, AWS S3, AWS VPC, AWS Cognito, Route 53, AWS Lambda, Bash

Experience

Dataverse Insights *Freelance*

Jan 2025 - March 2025

- 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.
- Secure 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

SecureAuthX: Serverless Auth and User Management

July 2025

- Architected end-to-end authentication system using **AWS Cognito** with **JWT**-based access control, supporting secure sign-up, sign-in, and password reset flows across 1000+ API calls daily.
- Integrated AWS API Gateway with Lambda functions for token validation and serverless backend logic, achieving sub-300ms response time and zero cold starts using optimized memory configurations.
- Implemented a secure React frontend with **Amplify Auth** and token management, reducing session-related API errors by 90% and improving the UX of the user authentication flow.

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

- Designed and developed a full-stack Q&A web platform similar to Stack Overflow, integrating two authentication methods (Google OAuth 2.0 and manual email password login) to serve more than 500 potential users during initial testing.
- Implemented core features that allow users to post questions and respond to doubts, ensuring seamless interaction for 100+ concurrent sessions with minimal latency.
- Added advanced functionalities including profile updates, up-voting, and down-voting answers, aiming to improve user engagement by an estimated 35 percent based on prototype feedback.

Certification

- Python Essentials
- AWS Solutions Architect - Associate Certification Program
- Adobe UI/UX Certification Program

Hobbies and Extra Curricular Activities

- International Affairs Enthusiast
- Debate Competition
- Elocution
- Playing Valorant