SATAM GUPTA

in Satam Gupta

Sat70

n satamgupta.xyz

+91 8910991516

satamgupta01@gmail.com

EDUCATION

Graphic Era Demeed To Be University

• Bachelor of Technology in Computer Science & Engineering; CGPA: 8.4.

Purushottam Bhagchandka Academic School

• Higher Secondary School With Science Stream; Percentage: 87.6%.

Sep 2022 - Aug 2026

Apr 2019 - Mar 2021

PROJECTS

Full-Stack eCommerce Web Application | LINK

- Developed responsive full-stack eCommerce platform with **React**, **Node.js**, **Express**, **MongoDB**, and **Tailwind CSS**, supporting user authentication (**JWT**), product browsing, adding to cart, real-time billing, and order placement.
- Implemented integration of backend APIs with MongoDB for inventory and order tracking in real-time, with the backend
 handling and front-end UI being created using Tailwind CSS to cater to a responsive, mobile-first approach for enhancing user
 experience across devices, including different admin dashboards and order history for the customer.

JSON To XML Converter Web Application | LINK

- Created and developed a fully functional web application that converts user-input JSON to cleanly formatted XML with real-time syntax validation, error highlighting, and download options for XML output, thus making data more interoperable and usable.
- Developed an interface that was responsive and friendly to the user, built with HTML, CSS, JavaScript, ReactJs & NodeJs, and implemented recursive parsing capable of managing very deeply nested JSON objects and arrays for correct XML conversion.

Real-Time Collaborative Code Editor | LINK

- Created a real-time collaborative code editor based on React, Node.js, Express.js and Socket.IO, supporting simultaneous code
 editing by multiple users with synchronized updates across sessions. Incorporated features such as custom room creation, user
 identification, and live code sharing.
- Designed a scalable backend server with WebSocket support and Express.js, support for smooth peer-to-peer collaboration.
 Provided auto-sync, syntax highlighting, and long-lived room-based sessions for improved user experience, replicating the functionality of online IDEs of today.

End-to-End Deployment of a Three Tier Application Using GitOps | LINK

- Led a team in deploying a three-tier application on AWS EKS using GitOps with ArgoCD, automating delivery pipelines and reducing infrastructure setup time by 30% through Terraform-based provisioning.
- Implemented a Jenkins-driven CI/CD pipeline and integrated Prometheus-Grafana monitoring stack, achieving a 99.9% deployment success rate, zero downtime, and 40% faster issue detection.

SKILLS SUMMARY

• Programming Languages: C, C++, HTML, CSS, Python, JavaScript & Bash.

• Frameworks & Database: React, Node.js, Express.js, Tailwind CSS, MySQL & MongoDB, PostgreSQL.

• Cloud & DevOps: MySQL, AWS, Docker, CI & CD with Jenkins, Linux Commands, Vagrant, Git & Terraform.

• Developer Tools & IDEs: VsCode, Xcode, GitHub, ChatGPT & MySQL Workbench.

Operating Systems: MacOS & Linux.
 Languages: English, Hindi.

• Soft Skills: Problem Solving & Critical Thinking, Team Collaboration & Communication, Time Management &

Adaptability.

ACHIEVEMENTS

- Led a team to win the Sustainability and AgriTech domain at the BUILDVERSE 24-hour hackathon. | CERTIFICATE | LINK
- Led a team in developing a collaborative project on Virtual Memory Management. LINK
- Participated in an AWS Jam event and secured 32nd rank out of 550+ students. | CERTIFICATE
- Solved 400+ problems on LeetCode and GFG with a LeetCode contest rating of 1850+, Codeforces rating of 1150+, and a 210+ day streak on LeetCode.

CERTIFICATES

- Walmart USA Advanced Software Engineering Virtual Experience Program on Forage. | CERTIFICATE
- DevOPs Beginner To Advanced By Udemy. | CERTIFICATE