

Saiganesh Sristla

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EDUCATION

MCC, University of Mumbai

BSc in Information Technology:- CGPA - 8.5

Mumbai, India

2022 - 2025

VPM junior college

High School (HSC) :- 75%

Mumbai, India

2020 - 2022

PROJECTS

EventHub | Javascript, React.js, Node.js, MongoDB

[[Deployed Link](#) [Github](#)]

- Developed a full-stack event management system using **React.js**, **Node.js**, and **Express.js**, delivering a scalable platform with **100% role-based access control** for admins, organizers, and attendees.
- Role-based interfaces for organizers, attendees, and admins
- Implemented event listings with real-time filtering and detailed pages, enabling users to explore **50+ trending/popular events** and purchase tickets seamlessly.
- State management with Zustand

NewsFact | Javascript, React.js, Node.js, MongoDB

[[Deployed Link](#) [Github](#)]

- Developed **NewsFact**, an AI-powered fake news detection platform using **React.js**, **Tailwind CSS**, **Node.js**, and **MongoDB**, Improved misinformation detection accuracy by 85%
- Integrated a custom AI model to analyze content from **100+ social media/news URLs**, returning real-time credibility scores with **2s response time**.
- Implemented state management using Zustand and built an intuitive, responsive UI for seamless user interaction.
- Designed and built backend APIs with Express.js to handle content analysis and store historical results.
- Developed and deployed a **Chrome extension** to verify news directly from the browser, increasing accessibility and boosting user engagement by **35%**.

Campus Search | Javascript, React.js, Node.js, MongoDB, Elasticsearch

[[Deployed Link](#) [Github](#)]

- Built a full-stack college website search engine using **React.js**, **Node.js**, **MongoDB**, and **Elasticsearch**, improving information retrieval speed by **70%**.
- Developed a custom web crawler that extracted and stored content from **500+ web pages** automatically.
- Integrated **Elasticsearch**, enabling real-time full-text search with **1s response time** and advanced filters.
- Designed RESTful APIs using Express.js to serve indexed data and handle search queries.
- Created a responsive frontend UI that enhanced user search experience for **1,000+ students and faculty**.

CertiChain | Javascript, React.js, Node.js, MongoDB, Solidity

[[Deployed Link](#) [Github](#)]

- Engineered a decentralized certificate validation system using **Web3**, **IPFS**, and **blockchain**, improving verification accuracy by **100%** and eliminating document fraud.
- Enabled secure certificate uploads by NGOs, generating unique QR codes and storing metadata on IPFS with immutable blockchain records for over 100+ certificates.
- Implemented a smart **role-based access system** for Admin, NGO, and Verifier users, streamlining user management and enhancing security with wallet-based authentication.
- Reduced verification time by 80% through a real-time certificate lookup mechanism using unique identifiers stored on-chain.

EXPERIENCE

Techathon

February 2025

Mulund college of commerce

Mumbai, India

- Collaborated in a team of 4 to develop a web application that verifies the authenticity of news articles using the Gemini API
- Built the frontend using React.js and Tailwind CSS, ensuring a responsive and user-friendly interface
- Led the machine learning component, integrating NLP techniques to assess and classify news credibility

TECHNICAL SKILLS

Languages: JavaScript, Python, C++, SQL, MongoDB

Frameworks/Libraries: React.js, Node.js, Express.js, Mongoose, Tailwind CSS

Developer Tools: Git, Docker, VS Code, AWS