

SAURABH KUMAR TANTUWAY

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Social:

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Education

Institute/School	Qualification	Year/CGPA/Percentage
Maulana Azad National Institute of Technology, Bhopal	B.Tech, Computer Science	2024 , CGPA: 7.27
Kendriya Vidyalaya ITBP Shivpuri, MP	Class 12th / CBSE	2019 , Percentage: 93.2%
Kendriya Vidyalaya ITBP Shivpuri, MP	Class 10th / CBSE	2017 , CGPA: 9.6

Projects

ChatLyst - Messenger Application

Source Code

Real-Time Messaging Platform

March 2025

- Built a platform for real-time messaging with chat, audio, and video call features.
- Integrated Google Login using OAuth2 and maintained chat data with relational mapping.
- Developed a responsive front-end with active chat state and call history tracking.
- **Tech Stack:** SpringBoot, React, WebSocket, TypeScript, Tailwind CSS, MySQL, OAuth2

Spam-Span

Source Code

Spam Detection and Contact Manager

January 2025

- Created a spam identification system with a contact-saving and lookup feature.
- Secured endpoints with JWT-based authentication and user-specific data isolation.
- Enhanced spam detection logic to improve accuracy and reduced latency in database lookups.
- **Tech Stack:** Golang, Gin, JWT, GORM, SQLite

Rule Engine Application

Source

Golang-Based Eligibility Evaluation System

August 2024

- Built a dynamic rule evaluation engine to determine user eligibility based on complex logical conditions.
- Parsed and executed user-defined boolean expressions using Abstract Syntax Trees (AST).
- Enabled rule persistence and retrieval via a NoSQL schema in MongoDB.
- **Tech Stack:** Golang, MongoDB, AST Parsing, REST API

Bro-llowood - A Netflix Clone

Live Link | Source

React-Based Movie Browsing Website

March 2024

- Designed an interactive movie browser UI with trailer previews using YouTube Player API.
- Integrated Firebase for user authentication and used Redux to manage application state.
- Fetched trending, upcoming, and genre-specific data via TMDB API for dynamic content rendering.
- **Tech Stack:** ReactJS, Tailwind CSS, Material UI, Redux, Firebase, TMDB API

Skills and Interests

Technical Skills: Languages: C, C++, Java, JavaScript, Go

Software & Tools: Backend: Go, SpringBoot **Frontend:** ReactJS, Redux

Coursework: Object-Oriented Programming (OOP), DBMS, Data Structures and Algorithms, OS

Achievements and Positions of Responsibility

Solved 600+ coding problems on across platforms like Leetcode, GFG, Codeforces.

AE SE AENAK - Official Street Play Society of NIT Bhopal.

1st Runner-Up in Nukkad Naatak Competition at NIT Nagpur.