

TANVIR SINGH

SOFTWARE DEVELOPER

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PROFESSIONAL EXPERIENCE

Fullstack Developer | Auribises Technologies

Jan 2023 - Present

- Developed robust and efficient **REST APIs** in **Go**, ensuring high performance and scalability.
- **Dockerized** applications to ensure consistency across different environments and simplify **deployment**, resulting in improved portability and resource utilization.
- Successfully transitioned manual deployment procedures to streamlined automated processes using **Jenkins**, **Docker**, and **CI/CD** methodologies and enhanced overall development efficiency.
- Successfully integrated a **Redis** based in-memory **database**, resulting in low processing times.
- Developed tools and automation script in **NodeJS** for data management in **Firebase** for internal company use.
- Developed **Angular** based applications using shared codebases with other team members to fulfill client requirements.
- Integrated **WhatsApp API** with our **Angular** applications.
- Managed **Linux** servers for deployment purposes, ensuring stability, security, and optimal performance. Proactively resolved server-related issues to minimize downtime.

EDUCATION

Bachelor of Technology - Electronics and Communication Engineering

(2020-2024)

Guru Nanak Dev Engineering College, Punjab, India

Class 11th & 12th - Science Major (Physics, Chemistry, Maths)

(2018-2020)

Guru Nanak Public School, Punjab, India

SKILLS

- **Languages:** Java, JavaScript, Typescript, Python, Go, SQL, HTML, CSS
- **Frameworks and Database:** ReactJS, NextJS, Angular, NodeJS, ExpressJS, Spring Boot, PostgreSQL, Firestore, MongoDB
- **DevOps:** Git, GitHub, AWS, GCP, Docker, Linux, Ubuntu, Shell, CI/CD, Jenkins, Bash, Vim, Nano, Redis

PERSONAL PROJECTS

DataMax Drive Share | File Sharing Platform

[Visit Link](#)

- Self-hostable file-sharing platform that can be used to securely share files with other users.
- **JWT** based Auth service with password **hashing**.
- **AES** encryption for saved files.
- **Tech Stack** - **Java**, **TypeScript**, **HTML**, **Spring Boot**, **Angular**, **MySQL**, **VSCode**, **IntelliJ Idea**

Shmooze | Realtime Chat App

[Visit Link](#)

- Real-time chat application that can be used as an alternative to apps like WhatsApp and Telegram.
- **WebSockets** used for real-time communication.
- **JWT** based Auth service with password **hashing**.
- **Tech Stack** - **JavaScript**, **HTML**, **ReactJS**, **NodeJS**, **ExpressJS**, **Axios**, **Socket.io**, **MongoDB**, **VSCode**, **Vercel**

GNDEC Notes | Course Material Website

[Visit Link](#)

- **Tech Stack:** **HUGO**, **HTML**, **CSS**, **Markdown**, **GitHub Pages**, **VSCode**

CERTIFICATIONS AND ACHIEVEMENTS

- AWS Academy Graduate - AWS Academy Introduction to Cloud Semester 2 | [Certificate Link](#)
- AWS Academy Graduate - AWS Academy Introduction to Cloud Semester 1 | [Certificate Link](#)
- AWS Academy Graduate - AWS Academy Cloud Foundations | [Certificate Link](#)
- Google Code-in Finalist 2019 by OSGeo | [Winners List](#)
- Google Code-in Finalist 2018 by PostgreSQL | [Winners List](#)