Govind Sharma

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Education

- **Thapar Institute of Engineering and Technology**
  Bachelor of Engineering – Electronics and Computer Engineering

  Patiala, Punjab
  2019 - 2023

- **Summer Fields School**
  Class XII (CBSE)

  Kailash Colony, New Delhi

- **Summer Fields School**
  Class X (CBSE)

  Kailash Colony, New Delhi

Skills Summary

- **Expertise**: Git, OOPS, Data Structures and Algorithm, Database Management System, Operating Systems
- **Languages/Technologies**: C/C++, React Native, React, Python, SQL, HTML, CSS, Next.js/Strapi, Javascript ES6, Nodejs, Express.js, Github
- **Soft Skills**: Time Management, Problem-Solving, Teamwork skills, Attention to detail, Active listening

Experience

- **Software Engineer (February 2024 – February 2025) and Trainee (September 2023 – February 2024) at BMStar Pvt. Ltd.**

  ◦ Worked as a frontend developer on the **OGChat** mobile application using **React Native**.

  ◦ Created and managed the **CI/CD release pipeline for iOS** to streamline the app deployment process.

  ◦ Developed the project **website using full-stack technologies** and managed APIs using **Strapi**.

  ◦ Contributed as a QA tester, ensuring application quality and identifying critical bugs.

Projects

- **Blood Bank management (2021) :-**

  ◦ A blood bank management website to promote the donation of blood for the needy of our society.

  ◦ It used PHP, HTML, CSS3+, Bootstrap for developing, Front and Backend and MySQL for storing data in the database.

  ◦ Project is created for Donors/Receivers and Hospitals/Clinics(Doctors), where a Hospital user can add blood samples to their blood bank, request for blood, check the status of their request, update their details, etc.

- **Movie Info Web Application: -**

  ◦ A movie info app coded with javascript. I used a movie database api and got data from api and this code is also responsive.

  ◦ Link: https://github.com/govind01sharma/Movie-app

- **Text to Speech Web Application: -**

  - A text to speech app coded with javascript. This text to speech is fully responsive and can be used it in any website.

  - Link: https://github.com/govind01sharma/Text-to-Speech

- **Weather Web Application: -**

  - A weather app coded with javascript. I also used a weather API and we get data from API. Just write the name of any city and we will get the weather info of that city.

  - Website obtains the weather data from openweathermap.org.

  - Link: https://github.com/govind01sharma/Weather-App

- **Electroencephalography (EEG) based emotion recognition system (2023):-**

  - A type of system that uses electroencephalography (EEG) signals to identify and classify different emotional states of a person.

  - The software consists of a program that analyzes the recorded EEG data to extract features related to emotional states.

  - The system works is developed on the concepts of Long Short Term Memory (LSTM) + Stack Autoencoder (SAE).

- **Capstone Project 2022- LoRaWAN Gateway Architecture Setup For Aquaculture Monitoring: -**
  - The aim of this project is to get detailed data about the water quality, dissolved oxygen and nutrients for ensuring the survival of fish.

  - The monitoring is done with the various sensors collecting data about quality of water at different time and sending the data to the nearest LoRaWAN (Long Range Wide Area Network) Sensor Node.

  - The main focus of the project is on installation of the LoRaWAN gateway and create a whole network of the LoRaWAN sensor nodes sending data to a single LoRaWAN gateway in a centralized approach.

- **Python Projects 1 and 2 (2020):-**
  - Milestone Project 1 comprised of Tic Tac Toe game using Python-3 on Jupyter Notebook

  - Milestone Project 2 comprised of card game "War" using Python-3 and Object Orientation on Jupyter Notebook.