Gaurav Singh

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WORK EXPERIENCE

The Sparks Foundation   Dec. 2023 – Jan. 2024
Frontend Developer   Bangalore, Karnataka

- Using **Javascript** & **DOM (Document Object Model)** Developed a comprehensive Bank management system
- Facilitated efficient handling of customer accounts, transactions, and administrative tasks

Karunadu Technologies   Nov. 2023 – Dec. 2023
Fullstack Developer   Bangalore, India

- Developed a flower classification system utilizing the **K Nearest Neighbors algorithm** integrated with **Django framework**. The system predicts the class type of flowers based on input features, providing an interactive web interface for user
- Implemented K Nearest Neighbors algorithm for accurate classification of flowers based on features such as petal length, petal width, etc
- Integrated Django framework to create a user-friendly web application, allowing users to input flower attributes and receive real-time predictions

PROJECTS

DevTinder – Full Stack

- Built a Tinder-like app for Developers with secure **JWT** auth (login/signup), profile editing, and swipe-based connections using **20+ REST APIs**
- Optimized API performance by **40%** with pagination (skip/limit) and **MongoDB query filtering** ($nin, $or) for feeds/connections
- Stored real-time user/connection data in **Redux**, reducing API calls by **50%** via client-side caching
- Secured 100% of frontend routes with **cookie-based JWT validation**, auto-redirecting unauthorized users to /login

File Sharing Application

- Developed a file-sharing application using **Node.js**, **Express**, and **MongoDB**. Implemented a RESTful API for file uploads and downloads, enabling users to share files through a **React** web interface.
- Utilized Mongoose for database interactions and Multer for file handling, ensuring efficient data management.

EDUCATION

Sapthagiri College of Engineering (VTU)
Bachelor of Technology in Computer Science **CGPA: 8.1**   Bangalore, India

Kendriya Vidyalaya No.2 Jalahalli
Class XII   Bangalore, India

SKILLS & INTERESTS

Languages : Javascript, Python,Java, ,TypeScript, C, HTML, SQL
Framework : NodeJS,React,Express Js,MongoDB, Django
Other Skills : Data structure and Algorithm, React-Redux,Tailwind, DaisyUI, Docker
Soft Skills : Time Management, Teamwork, Communication, Project and Team management