SHARAD RAJ SINGH MAURYA

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EXPERIENCE

Full Stack Software Developer (Part Time)
Shriram Yoga Society

📅 September 2022 – Current   📍 Uttarakhand, India

- Responsible for developing full-stack web and mobile application solutions for the company.
- Designed and implemented various REST APIs and serverless functions to enable core functionality for web apps.
- Architected and built RESTful API with Node.js and Express serving data from Firebase for a custom-built e-Learning Flutter app.

PROJECTS

Data Collector Android app
Flutter, Google Cloud APIs, MERN Stack, Microsoft Azure Serverless Functions

- Collects data from GPS, Mobile sensors, Camera & text input.
- Implemented authentication using Firebase and features such as cropping and labelling of data.
- Used Azure for backend and Google Drive & Sheets APIs to store data.

SENTIM-API
Python, Flask, NLTK
https://sentim-api.onrender.com

- A free public REST API for sentiment analysis of text.
- Used by 10+ live projects globally.
- Working on a model to improve it further.

Face Recognition Based Attendance System
Python, Flask, OpenCV
https://frbas.onrender.com

- Used OpenCV & Harr Cascade Classifier for face detection & recognition.
- Used Flask & SQLAlchemy with SQLite for REST API.
- Learning Tensorflow to improve upon the current version.

Naya Tab Extension
SvelteJS, Chrome Extensions API
https://chrome.google.com/webstore/detail/naya-tab-a-new-tab-extens/elkihnemphmfjgflemaaacidldmebpll

- An extension for Chrome, Brave, Edge & Firefox browsers.
- You can add shortcuts to websites without any limit and change wallpaper for the new tab page of your browser.
- Published on Chrome Web Store, Edge Add-ons & Mozilla Add-ons.

EDUCATION

MCA (Data Science)
Dev Sanskriti Vishwavidyalaya, Haridwar
📅 2022 – 2024 (Semester-II: 8.85 SGPA)

BCA
GIHSM, Lucknow (University of Lucknow)
📅 2017 – 2020 with 73%

SKILLS

`Lambda` `Azure Functions` `Cognito` `S3` `MERN` `REST API` `Flutter` `Dart` `JS` `Python` `Flask` `Git` `Linux` `MySQL` `MongoDB` `Firebase` `Docker` `OpenCV` `Matplotlib` `Pandas` `Numpy` `Tensorflow`

ACHIEVEMENTS

- 🏆 **GitHub Actions Hackathon Winner**
  One of 406 global winners
- 🏆 **Best Research Paper**
  National Conference | Impact of ICT on Library Systems | 2023
- 🏆 **Best Research Paper**
  4th International Conference on Yoga, Yagya & Ayurveda | Track: ICT | 2023

RESPONSIBILITIES

- **Responsible** for developing web & mobile apps for deploying software solutions at Centre for Artificial Intelligence & Research at DSVV, Haridwar.
- **Club Mentor** of **Ramanujan Coding Club, DSVV**
- **Content Moderator** at **DEV (https://dev.to/)**
- **Mentored** students for the Web Development & Scripting Languages workshop at **University of Lucknow**.

CERTIFICATIONS

- **Python Data Science Toolbox**
  DataCamp
- **Full Stack MERN Bootcamp**
  LearnCodeOnline
- **MongoDB Cluster Administration**
  MongoDB University
- **MongoDB for JavaScript & Python**
  MongoDB University
- **Django | Java SE and MySQL**
  ETL Labs, Lucknow, India (UPDESCO)