

# SHIVEN UPADHYAY

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## SKILLS

Technologies: Node.js, Express, Laravel, Flask, MongoDB, Sockets, Pipelines, MQTT, Onesignal  
Frontend: React, Flutter, Bootstrap, HTML, CSS/SCSS, Tailwind  
Database: Mysql, Firebase, MongoDB  
Languages: SQL, Python, PHP, JavaScript, C, C++  
Tools: Android studio (Flutter Development), VsCode, Postman, Git, NPM, Figma  
Python GUI: Tkinter

## WORK EXPERIENCE

**GSOC 2024 (Flutter, Google Earth, Python, Docker, Gemma, Gemini)** May 2024 - August 2024

- Contributed to the **Liquid Galaxy project** during **Google Summer of Code 2024**, working with Flutter, Google Earth, Python, Docker, and other technologies.
- Collaborated with mentors and the Liquid Galaxy team to enhance project functionality.
- Link to **work product submission** - <https://www.liquidgalaxy.eu/2024/08/work-product-submission-from-google.html>

**Full Stack Intern at AmazedIT (Laravel, PHP, Flutter)** October 2023 - December 2023

- Developed a comprehensive **taxi service application** using Laravel for backend and Flutter for mobile frontend.
- Implemented an **admin panel in Laravel** and **Taxi Driver and Rider Applications in Flutter** integrated various technologies, including **Google API, MQTT, and OneSignal**, to enhance functionality and user experience.

**Freelance (MERN, Flutter, PHP)** September 2023 - Current

- Some Flutter Projects Like a company's internal Payment application (Frontend only) etc.
- Jewelry Brand [Frontend](#) + [Backend](#).
- Property Selling Website [Frontend](#) + [Backend](#).

## PROJECTS

**RouteCraft - AI powered Travel Experience:** [Link to Repository](#)

Tech Stack: Flutter, Gemini, Groq, Docker

- An **Generative AI** powered mobile application that creates personalized travel itinerary tailored to one's personality..
- Utilized **mixtral-7b LLM model and gemini-1.5-flash** for generating itinerary..
- Provided a centralized location for all upcoming events and facilitated effortless entry ticket purchases.

**JataYu :** [Link to Repository](#)

Tech Stack: React, Express, Location Services, Socket.io, Tailwind, JS, Python, Tkinter

- A dual-platform project designed for seamless collaboration between organizations and troops, featuring advanced **real-time updates, live tracking, and secure communication** with a robust technology stack.
- Engineered an app for emergency response, real-time updates, and troop tracking.
- Enhanced resource allocation, data sharing, and mapping, improving coordination by 95%.

**Rockabuy - Moon Rocket Launch :** [Link to Repository](#)

Tech Stack: React, Node.js, Express, MongoDB

- Won 2nd Place in MLH Design-A-Thorn hackathon.
- Developed an interactive web application for launching rockets on moon, incorporating real-time physics simulations.
- Created a responsive front-end with advanced animations and user interactions using React.

## EDUCATION

2021 - present BTech, CSE - Data Science at **JSS Academy of Technical Education**  
2020 Class 12th at **David Model Senior Secondary School, Delhi**

## ACHIEVEMENTS

2nd Place in "Design-A-Thorn" at **Global MLH Hackathon**

2nd Place in **Hackathon HackMVP** at **Delhi University**

2nd Place in **HackVIPS 5.0** at **VIPS College**

Lead Workshops on **Git, GitHub, and Flutter** at **GDSC College**

## RESEARCH

Presented Research Paper at **RIC'24, IIT Guwahati**

- Title: **Enhancing Knowledge Retention in Children Under Six with Dyslexia: A Deep Learning Model.**

## EXTRA

**Projects:** For more projects and other details, look up [nevish302.vercel.app](https://nevish302.vercel.app)