

# SHIVEN UPADHYAY

FULL STACK DEVELOPER

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## Education

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**JSSATE, Noida**

*Nov 2021 - Present*

**B.Tech (CSE + Data Science)**

**David Model Sr. Sec. School**

*2019 - 2020*

**12th**

## Technical Skills

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**Technologies:** Node.js, Express, Laravel, Flask, MongoDB, Sockets, Pipelines, MQTT, Onesignal

**Frontend:** React, Flutter, Bootstrap, HTML, CSS/SCSS, Tailwind

**Languages:** SQL, Python, PHP, JavaScript, C, C++

**Tools Softwares:** VS Code, Git, NPM, Figma

**Python GUI:** Tkinter

## Experience

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**GSOC 2024**

*Flutter, Google Earth, Python, Docker, Gemma, Gemini*

**Contributor Liquid Galaxy**

*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>

**AmazedIT**

*Laravel, PHP, Flutter*

**Full Stack Developer**

*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.

## Personal Projects

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**RouteCraft - AI powered Travel Experience**

**Flutter, Gemini, Groq, Docker**

- An **Generative AI** powered mobile application that creates personalized travel itinerary tailored to ones personality.
- Utilized **mixtral-7b LLM model and gemini-1.5-flash** for generating itinerary.

**Rockabuy - Moon Rocket Launch**

**React, Node.js, Express, MongoDB**

- 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.

**Jatayu - Disaster Management Platform**

**React, Node.js, Java, Python**

- 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 .
- Leveraged React, Node.js, Java, and Python, incorporating **cryptography and socket management** for secure and efficient communication.

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

## Achievements

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- Achieved Second Place on a Global MLH Hackathon Design-A-Thorn.
- Achieved Second Place on a Hackathon HackMVP in DU.
- Achieved Second Place in HackVIPS 5.0 in VIPS college.
- Presented Research paper, **Enhancing Knowledge Retention in Children Under Six with Dyslexia: A Deep Learning Model** at RIC'24, IIT Guwhati.