

SUSHIL PANDEY

✉ contact.sushilpandey@gmail.com

🌐 linkedin.com/in/contactsushil

🐙 github.com/sushilpandeyy

☎ +918545066691

🔗 leetcode.com/sushilpandeyy 🌐 contactsushil.me

Education

SRM University AP

Bachelor of Technology in Computer Science

Aug. 2022 – June 2026

Amaravati, Andhra Pradesh

Experience

Myraa Technologies

Full Stack Development Intern

Oct 2023 – Jan 2024

Singapore, Remote

- Developed a healthcare platform that analyzes user data and provides **AI-generated** content.
- Developed and deployed an end-to-end healthcare platform as part of a team, using **Tornado Python** (backend) and **HTML, CSS, JavaScript** (frontend) on an **AWS EC2** instance.
- Created, maintained, and managed databases using **MySQL** to support data-driven applications.
- Collaborated on a medical content generator project utilizing **Neo4j** and **NLP**, leading to a **50% stipend increase** for exceptional contributions.

Projects

Adhikar | *React, Tailwind CSS, FastAPI, Postgres*

September 2024

- Scraped and processed **over 4,000 rows of Indian Commercial Law data**, converting it into a machine learning-compatible format for legal document categorization and predictive analysis.
- Built a scalable backend using **FastAPI** and **PostgreSQL** to handle data storage, retrieval, and real-time processing.
- Applied **machine learning models** to predict legal outcomes and enhance document categorization.

IHHPlayer | *React.js, Tailwind CSS, Express.js, FastAPI, PostgreSQL, AWS EC2, Zustand*

April 2024

- Developed a modern Full Stack **Music Streaming Application** with **React.js** and **Tailwind CSS**, ensuring a user-friendly interface and efficient state management using **Zustand**.
- Implemented robust backend solutions using **Express.js** for building **RESTful APIs** and **PostgreSQL** for efficient data management, including managing a custom music database with MP3 files stored in an **S3 bucket**.
- Integrated **FastAPI** to facilitate direct music import from YouTube, converting videos to MP3 files and storing them in the database, and deployed the full-stack project on **AWS EC2** for reliable hosting.

Fascia | *MongoDB, Express.js, React, Node.js, Redux, Material UI, Nivo Charts*

July 2023

- Developed a dynamic **data visualization dashboard** using the **MERN stack** (MongoDB, Express.js, React, Node.js), enabling real-time data interaction and insights.
- Integrated **Redux** for efficient state management, ensuring seamless data flow and user experience.
- Utilized **Material UI** for creating a responsive and modern user interface, and **Nivo Charts** for rich and interactive data visualization. Deployed the frontend on **Vercel** and the backend on the free tier of **onRender**.

Technical Skills

Programming Languages: C, C++, JavaScript, Typescript, Python

Frameworks/Libraries: React.js, Node.js, Express.js, Next.js, FastAPI, Angular, Flask, SHACL

Database: MySQL, MongoDB, PostgreSQL

Tools: Git, GitHub, Bitbucket, AWS, Postman, Material UI, Docker, Tailwind CSS

Leadership / Extracurricular

- Member of **Next Tech Lab**, promoted from Associate to Member within 6 months for my contributions to product development and innovative solutions.
- Founding member and **Co-lead** of **Google Developers Group (GDG)** on campus, fostering a community of developers and organizing tech events.
- Part-time freelancer since **Class 11**, having worked on more than **25 projects** across various domains.
- Participated in multiple hackathons, including being the **runner-up** in **HackSRM 4.0**, and participated in **HackSRM 5.0**, **Defy 24 VIT Chennai**, **Flipkart Grid**, **Agoda Codathon**, and **Walmart Sparkathon**.
- Organized an internal hackathon for **SIH (Smart India Hackathon)**, where **300+ students** participated, recommending **20 teams** for the main hackathon.

Relevant Coursework

Data Structures & Algorithms — Database Management — Object-Oriented Programming (OOPs) — Operating Systems