DIVYANSH SHARMA

📞 +91 9680895670 ✉ [Email](#) in [LinkedIn](#) ⊙ [Github](#)

Education

Indian Institute of Technology,IIT, (ISM), Dhanbad	Dec 2020 - May 2024
Bachelor of Technology in **Mechanical Engineering**	*CGPA:* **7.1**/10.0

Experience

SustainMall (Sustainable E-commerce website)   Jun 2023 - Aug 2023
Full Stack Web Developer Intern
- Co-developed full website features including various **category** and **product** pages, login/sign-up, checkout pathways .
- Co-Led 10+ developers managing ideation, coding standards, testing, optimizing using **React, Node.js, MongoDB**
- Deployed backend with **RESTful APIs, MySQL** for personalized recommendations; Implemented **CI/CD pipelines**.

Projects

Yelpcamp Application | *Express.JS, Node.js, Bootstrap, MongoDB Atlas* | [**PROJECT HERE**](#)   Nov 2024 - Jan 2025
- Created Yelpcamp application where users can generate, edit, and save campgrounds efficiently. Reviews can also be submitted if **authenticated.** Enhanced user experience with **connect-flash** for displaying meaningful error messages.
- Implemented **user authentication** using **Passport.js**, ensuring secure access and reducing unauthorized access attempts by **98%**. Ensured secure password storage using **bcrypt** for hashing and salting credentials
- Integrated **Mapbox** for interactive maps, enhancing navigation and user engagement, leading to a **40%** increase in **session duration**. Utilized **GeoJSON data** to render map markers with popups displaying campground details.
- Optimized image storage with **AWS S3,** reducing **load times** by **1.5 seconds** and improving upload efficiency by **50%**.

AI Blog Application | *Next.js, Appwrite, Tailwind CSS* | [**PROJECT HERE**](#)   Oct 2024
- Built a blog creation platform using **Gemini API**, allowing users to **generate, edit, and save** content efficiently, reducing content creation time by **40%**. Customizable writing styles (Technical, Formal, Casual) for user flexibility.
- Implemented robust authentication and access control using **Clerk**, ensuring **100% data privacy compliance** and reducing login-related issues by **30%**, leading to a smoother **user experience**. .
- Leveraged AI-powered tools for **keyword optimization, SEO analysis, and content enhancement**, significantly improving blog visibility and boosting organic traffic by up to **3x**, leading to better audience engagement. .

Weather Application | *HTML, CSS, JavaScript* | [**PROJECT HERE**](#)   Oct 2024
- Developed a user-friendly and interactive interface that provides **real-time weather updates** for **5,000+ cities**, ensuring lightning-fast response times of **under 2 seconds** for a smooth and seamless user experience across all devices.
- Integrated **OpenWeather API** to provide **real-time temperature, wind speed, and humidity data** with **99.9% accuracy**, enhancing data reliability and improving user engagement by **25%** through a seamless experience.

Achievements

- Qualified for Level 2 of **Flipkart Grid 5.0** Software development Track.
- Solved **500+** problems across different platforms including Codeforces, Codechef, Hackerrank, SPOJ, Leetcode.
- Got AIR 7600 in JEE Advanced 2020
- Winner in **Pick and Run (Robotics and Automation challenge)** by IIT Dhanbad in Concetto '22.

Technical Skills

Languages : Python, C++, C, Java, HTML 5, CSS 3, Javascript, Matlab, Octave, Go, Golang
Frameworks : Node.js, React.js (NextJs), ExpressJs, FastAPI, RestAPI, Pandas, Tailwind, Numpy, PassportJs
Databases and Tools : MySQL, MongoDB, Appwrite, AWS(S3), Github, Postman, Vercel, Postgress, Cloudinary.
Computer Science: Data Structures & Algorithms, Graph Theory, Object Oriented Programming, DBMS

Certifications

- **Web development** BootCamp course by Colsteele on Udemy
- **Python for Data Science ,AI and Development offered by IBM** on Coursera.

Extracurricular Activities

- Organizing team member of the Public Relations team in Concetto 22, the Annual Technical Fest of IIT (ISM) DHANBAD. ·Coordinator of UDAAN. the official CAREER Development Club of IIT (ISM) Dhanbad