

# Yash Kumar Shrivastav

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## Education

**Indian Institute of Technology (ISM) Dhanbad**

*Bachelor of Technology in Petroleum Engineering (GPA: 8.04)*

Dhanbad, Jharkhand

Oct 2022 - Jun 2026

- **Relevant Coursework:** Object Oriented Programming (C++)

## Experience

**ICPHD'24 Website** |  


Apr 2024 – Present

*Full Stack Developer* – Under Prof. N.K. Maurya

*Dhanbad, Jharkhand*


- Developed a high-traffic website, hosted on a personal domain via **GoDaddy**, will be attracting over **5000 viewers**.
- **Executed** an engaging, user-friendly interface, ensuring seamless **navigation** and efficient data handling.
- Engineered a high-performance web application using **React JS** and **Tailwind CSS**, reducing load times by 25% and enhancing user engagement for over **300 monthly users**.

## Projects

**notelt** - A Notes App | *MongoDB, Express, React, Node.js, JWT Authentication* | 

Feb 2024

- **Developed** a CRUD-based web application allowing users to **track daily tasks** with note cards.
- **Implemented** a pin feature to highlight important notes, resulting in a **30% improvement in task prioritization**.
- **Secured** the app with **JWT authentication**, providing robust login, achieving a **40% reduction in security breaches**.

**iLaundry** - A Laundry Website | *HTML, CSS, EJS, JavaScript, Node.js, MongoDB, Stripe* | 

Dec 2023

- Engineered a robust laundry platform that advanced user convenience; integrated **real-time Backend**, leading to a **25% decrease in backend load**.
- **Fortified** user authentication with upgraded security features, ensuring robust protection of sensitive data.
- **Integrated** a Stripe-powered payment gateway, delivering a **comprehensive e-commerce transaction experience**.

**iNews** - A News App | *HTML, CSS, JavaScript, News API* | 

Jun 2023

- Created a **responsive API-based web application** that mimics the news app, enabling users to **search and read articles**, also offering **filtering by category** to tailor the news feed as their preferences.
- Optimized user experience with **customizable news options**, ensuring a tailored news experience for each user.

## Technical Skills

**Languages:** C++, JavaScript, HTML, CSS

**Technologies/Frameworks:** React.js, Express.js, jQuery, Bootstrap, Node.js, Tailwind, RESTful APIs, Stripe

**Tools:** Github, Docker, VS Code, Postman, Adobe Premiere Pro

**Databases:** MySQL, MongoDB

## Achievements

- Solved 300+ DSA problems on **Various Platforms** as **Leetcode, GFG etc..**
- **Silver medalist** in Karate at the General Championship of IIT(ISM) Dhanbad 2023.
- Secured **2nd Position** in an **Open Drama Competition** at College.
- **Runner-Up** in Mobile Robot and IoT workshop.

## Social Engagements

**Organizer** At HackFest'24 - **Technical Hackathon** of IIT Dhanbad.

**Core Team Member** At NVCTI - **Tinkering and Innovation** Centre of IIT Dhanbad.

**Coordinator** At Mailer Daemon - **Media Body** of IIT Dhanbad.

**Centre Supervisor** At Kartavya - **NGO**, overseeing educational programs for **400+ underprivileged children**.

**Sports Engagement** Member of the **Karate Club** at IIT Dhanbad.