HARSH

Patna, Bihar

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EDUCATION

Rajiv Gandhi Institute of Petroleum Technology   **2022 – Present**
B.Tech - Electronics Engineering - CGPA - 7.8   *Jais, Amethi*

St. Michael's High School   **2009 - 2021**
Class X - 90% Class XII - 85%   *Patna, Bihar*

Technical Skills & Competencies

- DSA
- Oops Concepts
- UI/UX Design
- DBMS
- Operating Systems
- Machine Learning
- NLP
- Web Development

Professional Experience

UI/UX Designer Intern at Emperical Digital Solution ⬀   **Jan 2024 - Present**
Role - UI/UX and Graphic Designer   *Remote*

- Applied theoretical knowledge in 5 real-world projects, effectively bridging classroom concepts with industry practices.
- Conducted 15+ **usability testing sessions** to improve user experience, leading to **25% improvement** in user satisfaction.
- Enhanced proficiency in **Figma** through 100+ hours of focused design practice.
- Worked alongside 2 developers using **Scrum methodology**, iterating on design prototypes.
- Created and iterated on over 5 design prototypes, leading to a 25% increase in user satisfaction based on feedback.

PROJECTS

Hostel Management System ⬀ | HTML, CSS, JavaScript, Node.js, MySQL, MongoDB, Figma   **Present**

- * **User Interface Design:** Designed and implemented **responsive UI layouts** using Figma, HTML, CSS, and JavaScript, enhancing user experience for 500+ users. .
- * **Backend Development:** Developed and deployed a **RESTful API** using **Node.js** and **Express** to handle 100+ booking requests.
- * **Database Management:** Set up and managed a **MySQL database**, efficiently handling 500+ records for user authentication and bookings.
- * **API Integration:** Built and documented RESTful APIs to enable seamless communication between frontend and backend components.

Waste-Segregation ⬀ | HTML, CSS, React, Deep Learning(CNN)   **2023-24**

- Built an intuitive UI using **React** and Figma, leading to a **40% increase in user engagement**
- Implemented a **Deep Learning CNN** model for waste classification, achieving **90% accuracy** on 500+ samples.
- Utilized **Advanced Machine Learning** techniques to enhance waste management processes.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, SQL
Technologies/Frameworks: HTML5, CSS3, React, Next.js, Node.js, Express, Bootstrap, TensorFlow, OpenCV, Scikit-Learn, Spring
Developer Tools: VS Code, IntelliJ, Canva, Google Collab, Jupyter Notebook, AutoCad

Awards & Achievements

- Completed two internships in **UI/UX design** and **graphic design** using **Figma, illustrator, Photoshop, Canva**
- Received a **Merit-based scholarship** for outstanding academic performance.
- Qualified the **JEE Advanced** exam.
- Represented **Patna** in the **Subroto Cup**, showcasing leadership, teamwork, and discipline.