Monalisa Rout

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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

EXPERIENCE

Frontend Intern,   **April '24 - July'24**

Saptosi Chain of Jewellers

- Actively developed the front end of the company's website using **React**, enhancing user experience with responsive and dynamic web pages.
- Implemented **Material-UI** (MUI) components to streamline the design process and ensure consistency across the user interface.
- Utilized **TailwindCSS** for custom styling**,** focusing on creating a modern and visually appealing design.

WordPress Intern,   **Aug '23 - Oct'24**

Japan Grab Technologies

- Designed and developed a **WordPress**-based **e-commerce** website, a user-friendly online shopping platform to showcase and sell company products.
- Implemented essential e-commerce features, including product catalogue, shopping cart, and secure payment processing.
- Explored and gained familiarity with new technologies, including **React**, and **jQuery**, to understand their basics and potential applications.

TECHNICAL SKILLS

- **Programming Language:** C/C++, JavaScript, SQL, HTML5 and CSS3.
- **Library Frameworks:** React.js and Node.js,Express.js, JQuery, TailwindCSS, Bootstrap, WordPress.
- **Tools:** Linux, Git/Github.
- **UI/UX**: Wireframing, Prototyping, Figma, Canva, UX Research and storytelling.

PROJECTS

Petalnest | [Github](#)

Frontend Development | JavaScript, ReactJS, HTML, CSS, TailwindCSS.   **Aug '24 - Aug '24**

- Designed and developed a custom e-commerce website for plants using Figma, ReactJS, and Tailwind CSS, featuring smooth animations like parallax scrolling for an engaging user experience. Implemented a responsive design with interactive elements to enhance user interaction.

CodePen Clone | [Github](#)

Web Development | JavaScript, ReactJS, HTML, CSS   **Aug '24 - Aug '24**

- Developed a real-time code editor using React, allowing users to write and preview HTML, CSS, and JavaScript.
- Integrated `react-codemirror2` for syntax highlighting and a responsive UI with expand/collapse functionality.
- Implemented persistent local storage to save user code and dynamically update the preview.

Weather App | [Github](#)

Web Development | HTML, CSS, JavaScript, EJS, NodeJS, and ExpressJS   **Sep '23 - Oct '23**

- Developed a weather application using HTML, CSS, JavaScript, EJS, NodeJS, and ExpressJS.
- Integrated OpenWeather API to provide real-time weather updates for user's location and searched region.

Email classification using transformers based on hybrid features (Header and Body features)

Machine Learning | Python   **Aug '23 - Feb '24**

- Leveraged transfer learning and fine-tuned BERT and DistilBERT to classify emails as legitimate or phishing using various datasets. Performed data preprocessing steps to transform raw data into relevant and required forms using email and mbox libraries in Python. The models demonstrated accuracy of 97% and 89% respectively.

SwiftFlight | [Github](#)

Computer Graphics, OpenGL, FreeGlut | C++   **Jan '23 - Mar'23**

- Developed "SwiftFlight," a 2D game inspired by Flappy Bird using OpenGL and Freeglut Library.
- Players control a bird by tapping the spacebar, navigating obstacles, and collecting food for points.

CERTIFICATIONS

- The Complete Web Development Bootcamp | Udemy.
- Foundation Course under TechSaksham, a CSR initiative between Microsoft and SAP implemented by Edunet Foundation.

EDUCATION

Govt Sri Krishnarajendra Silver Jubilee Technological Institute   **Bengaluru, Karnataka**

- **Bachelor of Computer Science & Engineering (CGPA 8.24)**   **June 2024**
- **Relevant Coursework:** Data Structures and Algorithms, Operating Systems, Computer Networks, Web Technology and its Applications, Object oriented concepts.