PARICHAY DUTTA BISWAS

Web Developer

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PROFESSIONAL SUMMARY

A skilled **Web Developer** with expertise in designing scalable applications. Proficient in **JavaScript**, **React.js**, and **Node.js**, with strong problem-solving skills and cloud-based solutions experience. Passionate about building user-centric digital experiences.

PROFESSIONAL EXPERIENCE

Junior Software Engineer | Viral Me

Dublin, Ireland (Remote)|June 2023 - April 2024

- Developed scalable web applications using React.js, Node.js, and JavaScript.
- Optimized application performance (+30%) and deployment times (-25%) via CI/CD improvements.
- Enhanced system scalability with modular backend architectures.

TECHNICAL SKILLS

- Programming Languages: Java, Python, C
- Frontend: HTML, CSS, Tailwind, JavaScript, React.js
- Backend: Node.js

- Databases: SQL, MongoDB
- Cloud Platforms: AWS (EC2, S3, Lambda)
- **DevOps Tools:** Docker, GitHub, Git
- Machine Learning Tools: TensorFlow, PyTorch
- Version Control: Git
- **Prompt Engineering:** Chat GPT40

PROJECTS

Expense-tracker | [Demo] < Code >:

- Developed a real-time expense management tool with *HTML*, *CSS*, *JavaScript*, and local storage. Integrated dynamic budget tracking, category-wise expense analysis, and seamless UI for better financial planning.
- Implemented an AI search engine like **Gemini(clone)** as financial Advisor.

Quiz App | [Demo] < Code>:

- Developed a Quiz App using React (Vite) and Modular CSS, integrating the OpenDB API to fetch quiz questions.
- The app features a 20-second countdown timer per question, four answer options, score tracking, and a final score display. It ensures an engaging and interactive quiz experience.

Pokémon Card Explorer | [Demo] < Code>:

 Designed an interactive Pokémon search platform using the *PokeAPI*. Implemented type-based filtering, dynamic card flipping for ability details, and a responsive UI with *HTML*, *CSS*, *JavaScript* for an engaging user experience.

<u>Image-Gallery</u> | [Demo] < Code >:

 Built an Image-Gallery-App using React (Vite), Modular CSS, and the Unsplash API. It features a dynamic search bar, infinite scrolling, lazy loading, and a responsive grid layout, ensuring a seamless image browsing experience.

EDUCATION

- MERN Stack Development Specialization Geekster | Present
- **Bachelor of Engineering (B.E.)** EEE SJB Institute of Technology | May 2023

- Higher Secondary (12th):

 Jalpaiguri Higher Secondary School | April 2019
- Secondary Education (10th): Jalpaiguri Zilla School | February 2017

CERTIFICATIONS

- Data Structures & Algorithms (DSA) with Java Hackerrank
- SQL Basics Hackerrank
- AWS Cloud Practitioner Certification Udemy
- Python Crash Course Google (Coursera)
- Deep Neural Network with PyTorch IBM

ACHIEVEMENTS:

- Built 15+ Web Projects using React, JavaScript, and APIs (E-commerce Cart, Quiz App, Chatroom, etc.).
- Solved 500+ DSA questions on leetCode and hackerRank.
- Got 50 Days of problem solving badge in LeetCode.
- Participated in the 75 Days Problem-Solving Challenge, solving complex LeetCode problems like Merge Intervals, Trapping Rain Water, and 3Sum Closest.