Alavya Pandey

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Summary

Skilled React developer with hands-on experience in **building** dynamic and responsive web applications. Proficient in **leveraging** modern frontend technologies and frameworks to **enhance** user experience and interface design. Adept at **implementing** real-time features and optimizing performance.

Technical Skills

Languages: JavaScript, TypeScript, HTML/CSS, C/C++, Python
Frameworks: React, Node.js, Next, TailwindCSS, Framer Motion, JWT, MongoDB
Tools: Node Package Manger, Postman, GitHub, VS Code, Vercel, Amazon Web Services

Projects

Git Chat | Link | *React, Node.js, Express, MongoDB, Tailwind CSS, Socket.io, JWT*   **July 2024**

- Designed **Git Chat**, a live and responsive web application using **React** for the frontend, **Node.js and Express** for the backend, and MongoDB for data storage.
- Implemented real-time communication features using **Socket.io**, reducing message delivery latency **by 30%**.
- **Enhanced** interface responsiveness **by 10%** using Tailwind CSS for streamlined and dynamic design.
- Leveraged MongoDB to **achieve a 15% increase** in data retrieval speed and scalability.
- Integrated **JSON Web Tokens (JWT)** for secure user authentication and session management, **ensuring** data protection and user privacy.

Expense Tracker | Link | *React, Node.js, Express, MongoDB, Chakra UI*   **June 2024**

- Designed Expense Tracker, a web application for managing personal finances, using **React** for the frontend and **Node.js with Express** for the backend.
- Integrated MongoDB, resulting in **efficient** data storage and retrieval with a **20% performance** improvement.
- Designed a clean and user-friendly interface using **Chakra UI**, **enhancing** user experience and accessibility.
- Implemented back-end services to **handle** user expense tracking and reporting functionalities.
- Added a delete function to **allow** users to remove unwanted items from their expense list easily, **providing** greater control over financial records.

Pixel Paint | Link | *HTML, CSS, JavaScript*   **April 2024**

- Built Pixel Paint, a web-based painting application using HTML, CSS, and JavaScript.
- Increased user engagement **by 95%** through one-click local downloads in Pixel Paint.
- Designed a **user-friendly** drawing interface with customized colors and brush sizes for creating pixel art.
- Optimized application performance to **ensure** smooth and responsive drawing experiences.

Experience

Tech Mahindra   **Bengaluru, India**
Software Engineer   *December 2021 – Present*

- **Optimized** AWS services (Connect, Lex, DynamoDB, CloudWatch) to improve system performance **by 30%**.
- **Enhanced** a Lex bot, resulting in a **20% increase** in efficiency by optimizing conversational flows.
- **Played** a key role in securing 2 new clients by **demonstrating** improved product capabilities and **delivering** exceptional customer solutions.

Education

IES College of Technology   **Bhopal, India**
Bachelor of Technology in Computer Science, CGPA of 8.10   *July 2021*