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.

Education

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

Projects

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

- Developed **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%**.
- Utilized **Tailwind CSS** for **designing** a responsive interface, **improving** responsiveness by 10%.
- 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**

- Developed 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**

- Developed **Pixel Paint**, a web-based painting application using **HTML, CSS, and JavaScript**.
- Implemented a feature that **allows** users to download their drawings locally to their system with a single click.
- 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*

- Worked on AWS services including AWS Connect, Lex, DynamoDB, and CloudWatch, as well as Sprinklr.
- **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.

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, Git, VS Code