Alavya Pandey

+91 947-3983-635 | aalavya.pandey@gmail.com | linkedin.com/in/alavyapandey | alavyapandey.com

Summary

Frontend developer skilled in building dynamic and responsive web applications using modern frameworks like **React.js** and **Next.js**, with a focus on delivering seamless user experiences through optimized interface design and real-time functionality.

Proficient in integrating backend systems and leveraging **AWS services** to create scalable, secure, and high-performance solutions that bridge front-end and back-end technologies effectively.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, Python, C/C++, MySQL
Frameworks: React.js, Next.js, Node.js, Tailwind CSS, Framer Motion, Bootstrap, Vite, MongoDB, JWT
Tools: Git, GitHub, NPM, Postman, VS Code, Vercel
Cloud & DevOps: AWS Lambda, DynamoDB, CloudFormation

Projects

StatCode | Link | *Next.js, React, TypeScript, Clerk, Convex, Tailwind CSS* **September 2024**

- **Developed** a comprehensive developer hub platform using **Next.js 15** and **React 19**, enabling developers to write, share, and showcase code across multiple programming languages with real-time analytics.
- **Integrated** Convex real-time database and Clerk authentication for efficient data management and user security, implementing Monaco Editor for advanced code editing with syntax highlighting and multi-language support.
- **Introduced** coding statistics tracking, submission analytics, and developer identity management features with a responsive UI designed via **Tailwind CSS**, reducing latency by **20%** and improving load times for a smoother user experience.

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

- **Developed** a responsive live chat application, **Git Chat**, using **React** for the frontend, enhancing user interaction with real-time communication features.
- **Implemented** dynamic and responsive designs with **Tailwind CSS**, improving interface responsiveness **by 10%** and ensuring a seamless user experience.
- **Deployed** secure user authentication with **JSON Web Tokens (JWT)** and leveraged real-time updates using **Socket.io**, reducing message latency **by 30%**.

User Management System | Link | *Node, EJS, JavaScript, MongoDB, Nodemon, Postman* **April 2024**

- **Designed** and implemented an intuitive user interface for a user management system using **EJS templates** and **express-ejs-layouts**, ensuring efficient and responsive UI rendering.
- **Enhanced** frontend functionality by integrating secure user authentication and **CRUD** operations, delivering seamless user interactions.
- **Optimized** UI performance and accessibility through structured views and integration with **RESTful APIs**, reducing data retrieval latency and improving database storage **by 20%**.

Experience

Tech Mahindra **Bengaluru, India**
Software Engineer *January 2022 − Present*

- **Optimized** AWS services (Connect, Lex, **Lambda, DynamoDB, CloudWatch, IAM**) to enhance system performance, achieving a **30% improvement**.
- **Enhanced** a Lex bot, driving a **20% increase** in efficiency by optimizing conversational flows and user interactions.
- **Secured** 2 new clients by **showcasing** improved product capabilities and **delivering** tailored customer solutions.

Education

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