ANAMIKA KUMARI

Software Developer

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Technical Skills

Programming: JavaScript, HTML, CSS, Java, Python
Frameworks & Libraries: React.js, Node.js, Next.js, Express.js, Typescript, Material UI, Tailwind CSS.
Database: SQL : MySQL, NoSQL : MongoDB.
Tools & others: Linux, Microservices, GitHub, Bitbucket, Git, Netbean, MySQL Workbench, AWS.

Work Experience

Full Stack Developer

Shiimperial (shiimperial.com)   Gurgaon, Haryana   Jan 2024 – Sep 2024

- Developed multiple APIs for functionalities including login, registration, OTP generation, a digital marking dashboard, search functionality, and operations for adding, deleting, and updating production data.
- Developed secure APIs with token-based authentication, authorization, and input data validation to ensure data integrity and prevent security vulnerabilities.
- Designed and implemented backend database schemas using MongoDB, structuring collections and documents to optimize data storage, retrieval, and management.
- Designed and developed dynamic, user-friendly UI web pages using MUI, React.js, and Next.js, ensuring seamless and responsive user experiences.
- Integrated multiple APIs into UI pages to enhance functionality and user experience.
- Implemented reusable React components to streamline development and improve code maintainability.
- Used .env files to securely store sensitive data such as tokens, database credentials, and other vulnerable information, ensuring data integrity and security.
- Deployed the backend server on AWS EC2 using PM2 and Nginx for process management
- Built the frontend code and deployed the website on AWS EC2 using the build output.
- Automated code deployment using GitHub Actions with a .github/workflows/build.yaml file, integrating GitHub Secrets for secure handling of sensitive data, ensuring continuous integration and seamless deployment.

Projects

Shopper Shopping   **Github Repository | Live**

- Developed a full-stack web application with a modern, user-friendly interface, Next.js and React.js for the frontend and Node.js with Express for the backend.
- Integrated MongoDB as the NoSQL database for dynamic, scalable data storage.
- Implemented Typescript for type safety and improved code maintainability.
- Designed and developed RESTful APIs to facilitate communication between the frontend and backend.

Travel & Tourism Management System   **Github Repository**

- Developed a Travel and Tourism Management system using java, MySQL database
- Users can travel and management and booking functionality.
- Designed a Travel Planning System to request handling and service delivery, enabling efficient trip planning.

Digital Watermarking for grayscale Images using discrete wavelet.   **Github Repository**

- Developed a Digital Watermarking project for image to perform various algorithm like paper & salt, Gaussian.
- A project that enhances digital watermarking for grayscale images using advanced techniques.
- Proposed a scheme using DWT to enhance the robustness and imperceptibility of the watermarking scheme.
- Developed a frequency domain-based watermarking scheme that achieves high robustness.

Education

Department of Computer Science, University of Delhi   Nov 2020 – Jul 2023
Master of Computer Application   CGPA: 7.081
Baba Saheb BhimRao Ambedkar University   May-2016 – Dec-2019
Bachelor of Computer Science   Percentage-68.8