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freelancer Project's

Serp Live

- **Description:** Developed a web app for location-based searches with real-time filtering using **Next.js** and **TypeScript**.
- **Features:** Real-time search, location suggestions, responsive UI, and auto-updating results.
- **Technologies:** Next.js, Tailwind CSS, TypeScript, SerpAPI, Axios, Vercel.

AI Chat Assistant Live

- **Description:** Built a real-time chat application powered by Google's Gemini AI, instant AI interactions with a modern user interface.
- **Features:** Real-time chat, clean session management, responsive design, and elegant error handling.
- **Build Process:** Managed project builds by reading package.json, executing npm commands, and handling stdout/stderr logging.
- **Technologies Used:** Next.js 14, TypeScript, Tailwind CSS, Google Generative AI, LibSQL, React Hooks.

Projects

AutoDeploy Pipeline

- **Description:** Developed a comprehensive automation pipeline to clone repositories, build projects, and upload outputs to AWS S3 using Node.js and Redis for logging.
- **Repository Cloning:** Utilized child process to clone Git repositories and execute build scripts, enhancing the deployment process.
- **Build Process:** Managed project builds by reading package.json, executing npm commands, and handling stdout/stderr logging.
- **S3 Integration:** Employed the AWS SDK to upload built files to a specified S3 bucket, ensuring efficient cloud storage and access.
- **Logging Mechanism:** Integrated Redis for real-time logging of the pipeline process, improving debugging and monitoring capabilities.
- **Environment Configuration:** Utilized environment variables for secure configuration, ensuring sensitive data management.
- **Technologies Used:** Node.js, AWS SDK, Redis, Git, npm, JavaScript, TypeScript, EJS, Bash scripting, Docker.

Video Transcoder

- **Description:** Automated video transcoding pipeline using AWS S3 and FFmpeg for multiple resolutions.
- **S3 Integration:** Utilizes the AWS SDK to download original videos from S3 and upload transcoded versions back to a specified bucket.
- **FFmpeg Utilization:** Implements fluent-ffmpeg to transcode videos into 360p, 480p, and 720p resolutions, ensuring high-quality output.
- **Environment Management:** Loads environment variables for configuration, enhancing security and flexibility.
- **Asynchronous Processing:** Employs Promises for handling multiple transcoding operations concurrently, optimizing processing time.
- **File Handling:** Utilizes Node.js's fs module for file operations, ensuring reliable read and write functionality.
- **Technologies Used:** Node.js, AWS SDK, FFmpeg, JavaScript, TypeScript, EJS, Promises, S3.

Traveller Live

- **Description:** A travel platform inspired by Airbnb, offering personalized stays with secure authentication and responsive design.
- **Features:** User authentication (Passport.js, Express-Session), data validation (Joi), image management (Cloudinary).
- **Technologies:** MERN stack, Passport.js, Joi, Cloudinary, Bootstrap.

Photography Studio Live

- **Description:** A sleek platform showcasing photography with immersive animations and an interactive user experience.
- **Features:** Smooth scrolling, responsive design, interactive UI, and optimized image loading.
- **Technologies:** Next.js, React, Tailwind CSS, Framer Motion, Lenis Scroll.

Skills

Front-end Technologies:

Next.js, React.js, JavaScript, Typescript, HTML, CSS, Tailwind, Bootstrap

Backend Technologies:

Node.js, Express.js, Mongoose, MongoDB

Basic Devops

Docker, AWS, CI/CD

Education

Bachelor of Computer Application, Kavayitri Bahinabai Chaudhari North Maharashtra University (July 2019 – July 2023), Amalner, India