

SHANTANUSINGH

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ABOUT ME

- Skilled web developer specializing in back-end integration with ExpressJS for API development and Python for ETL automation, with foundational knowledge in front-end technologies such as HTML, CSS, JavaScript, and ReactJS. Proficient in GIT version control and experienced in collaborative development on Github. Checkout my online [portfolio](#) for more details about me.

SKILLS

Technical JavaScript, Python, NoSQL(MongoDB), HTML, JSON, CSS, NodeJS, ExpressJS, ReactJS, Zustand, TailwindCSS, Git, Github, Docker, Swagger, Postman, Netlify, Render.com, Redis Cache, VS Code

Interests Coding, Watching anime & Reading manga comics

EDUCATION

AKTU Lko, UP | *Bachelor of Technology in Computer Science* **2020**

- Cumulative GPA: 7.52

Kendriya Vidyalaya Lko, UP | *Intermediate* **2015**

- Percentage: 69%

EXPERIENCE

Wipro Technologies

2023 – Present

Project Engineer

Greater Noida, Uttar Pradesh

- Led development of Express.js proxy APIs to enhance directory UI functionality, improving user experience and data access. Implemented JSON-based authentication, CORS, Helmet modules for security, and integrated Redis caching and Staffbase pagination to optimize API response times.
- Automated ETL processes by crafting efficient scripts, enhancing data migration procedures
- Performed bug fixing and feature enhancements on the API side based on client feedback via Asana board.
- Contributed collaboratively to client repositories on GitHub with diverse teams. and ensuring accuracy, leading to increased operational efficiency.
- Collaborated seamlessly with Staffbase CMS for front-end development, contributing to the creation of engaging and responsive user interfaces, demonstrating adaptability in working with diverse technologies.
- Conducted research and development, along with Proof of Concepts (POCs), in response to client feedback, ensuring thorough exploration of new features prior to API-side development.
- Conducted meticulous local testing on the codebase to ensure its stability and functionality before deployment for production use.
- Thoroughly documented all development-related tasks and procedures for comprehensive reference and future maintenance.

- Managed a Documentum-based document management web application to ensure peak performance and functionality.
- Developed an automation solution utilizing Java-based Documentum foundation classes for bulk file downloads from the Documentum file system, driving substantial efficiency improvements.
- Maintained AWS cloud servers to sustain the application's infrastructure.
- Collaborated with OpenText, the Documentum vendor, to resolve any related issues.
- Partnered with Subject Matter Experts (SMEs) to implement document auditing and versioning processes within the application framework.

PROJECTS

React E-Commerce Website | <https://github.com/shann592/react-e-commerce-site> **2024**

- **Tech used:** NodeJS, ReactJS, Netlify, React Router, Context API, TailwindCSS, React Form, Zod, react-toastify.
- Developed a comprehensive React-based e-commerce website with user authentication (signup/login), product search with auto-suggestions, and sorting by price or rating. Enabled features for adding products to the cart, order checkout, and real-time notifications, providing an enhanced and seamless user experience.
- The application is hosted on netlify <https://dummy-ecomm.netlify.app>

Chat-Room | <https://github.com/shann592/chat-room> **2024**

- **Tech used:** NodeJS, ReactJS, Netlify, Firebase BaaS, TailwindCSS.
- A real-time chat room built using ReactJS for the frontend, Firebase for authentication with Google, and as the database, and Tailwind CSS for responsive styling. Users can sign in with their Google account, join chat rooms, and engage in real-time conversations with other users.
- The application is hosted on netlify <https://shann-chat-room.netlify.app>

Currency Converter | <https://github.com/shann592/currency-converter> **2024**

- **Tech used:** NodeJS, ReactJS, Netlify.
- A ReactJS-based web app enabling easy currency conversion. Users select currency units for conversion and can swiftly swap between them. Utilizes a free currency API by Fawaz Ahmed.
- The application is hosted on netlify <https://shann-currency-converter.netlify.app/>

Password Generator | https://github.com/shann592/password_generator **2024**

- **Tech used:** NodeJS, ReactJS, Netlify.
- Developed a simple Password Generator application using ReactJS, showcasing expertise in utilizing hooks such as useCallback, useEffect, and useRef. Enables users to generate customized passwords based on selected options including length and inclusion of numbers or special characters.
- The application is hosted on netlify <https://passcode-creator.netlify.app>

Movie-Maniac | <https://github.com/shann592/movie-maniac> **2024**

- **Tech used:** NodeJS, ReactJS, TailwindCSS, TMDB movie API, Netlify.
- Movie Maniac is a React application that utilizes the TMDB movie APIs to display lists of popular, top-rated, and upcoming movies. The app also features a dark mode toggle for improved user experience in low-light environments.
- The application is hosted on netlify <https://shann-movie-maniac.netlify.app>

- **Tech used:** NodeJS, ExpressJS, MongoDB, Render.com.
- REST API with ExpressJS for auditing job interview records, complete with Swagger UI documentation, and hosted on render.com.

CERTIFICATION & AWARDS

2017 Completed workshop on Python & Its application with IoT from Softpro India, earning a certificate of completion.

2021 Awarded Round of Applause badge in Wipro Technologies.

2022 Awarded Inspiring Performance award in Wipro Technologies.

2024 Recognized as a Habit Flagbearer for exemplifying traits of Building Trust, Being Respectful, and Responsive in Wipro Technologies.