Ishwa Rashid

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SKILLS

HTML, CSS, JavaScript, Bootstrap, NodeJS, ExpressJS, EJS, JWT, ReactJS, Redux Toolkit, MongoDB, Mongoose, MySQL/SQLite/PostgreSQL, Git and GitHub, PHP, Dart, Flutter, Firebase, Python, C++, Java

PROJECTS

Authentication System

Personal Project · github.com/ishwarashid/jwt-implementation · July 2024 – July 2024
· Implemented **JWT (JSON Web Tokens)** for secure authentication and authorization, with **JWT rotation** for enhanced security.
· Developed backend using **Node.js** and frontend using **React**, ensuring seamless integration and **multiple device support**.
· Designed and implemented **user roles and role-based navigation** for controlled access to different parts of the application.
· Created **accessible (a11y)** forms, ensuring usability for all users, including those with disabilities.
· Applied **security best practices** to safeguard sensitive data and prevent common vulnerabilities.

Keeper App

Personal Project · github.com/ishwarashid/keeper-app · February 2024 –February 2024
· Engineered a **Google Keep clone** dubbed Keeper with **React**, granting users an intuitive and responsive note-taking experience.
· Incorporated robust features for **creating, deleting, and organizing notes**, enriching the application's functionality akin to Google Keep.
· Employed **React component-based architecture** to craft modular and reusable code for superior maintainability.

ToDoList

Personal Project · github.com/ishwarashid/todolist-v2 · November 2023 –February 2024
· Crafted a full-stack Todolist web app with **Node.js, Express, and MongoDB using Mongoose**, guaranteeing a seamless task management experience.
· Integrated user authentication and authorization using **Passport.js** to ensure secure access to individual Todolists.
· Designed and fashioned a user-friendly interface using **EJS** for fluid rendering of content and an enriched user experience.
· Empowered users to maintain separate Todolists for **various categories** (e.g., work, personal), facilitating efficient organization and management of tasks.

Secrets App

Personal Project · github.com/ishwarashid/secrets-web-app · November 2023 –February 2024
· Developed "Secrets" an anonymous secrets-sharing web app inspired by the concept of anonymous confessions.
· Ensured secure user authentication with local strategy and **Passport.js**, employing **bcrypt** for password hashing.
· Integrated **Google OAuth** authentication for streamlined login and registration processes, offering users multiple options for account access.
· Designed and constructed the backend of the application using **Node.js and Express.js**.
· Utilized **Mongoose** to seamlessly integrate MongoDB.
· Conducted thorough testing to identify and address potential security vulnerabilities, ensuring the confidentiality of shared secrets.

Blog App

Personal Project · github.com/ishwarashid/daily-journal · October 2023 – October 2023
· Developed a dynamic web application using **Node.js and Express** for server-side scripting.
· Utilized **EJS** (Embedded JavaScript) as the templating engine for seamless integration of dynamic content.
· Implemented features allowing users to compose and submit new posts with a user-friendly interface.
· Designed the application to display all posts on the home page, providing an easy overview for users.
· Created **dynamic routes** for individual posts, allowing users to view full content on separate pages.

EDUCATION

Bachelor's of Science in Computer Science

COMSATS University Islamabad · Sahiwal · 2025 · 3.71