Anish Tanwar

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Experience

Primewise Consulting   Oct 2023 – April 2024
Web Developer Intern   Remote

- Developed and maintained web applications using **React.js**, **Next.js** for server-side rendering, and **Node.js/Express.js** for backend services, ensuring high performance and scalability.
- Enhanced user experience by implementing responsive designs using **HTML** and **Tailwind CSS**, optimizing interfaces for various devices.
- Collaborated with cross-functional teams to deliver features on schedule, adhering to agile development principles.
- Actively participated in code reviews, ensuring code quality and adherence to project requirements and timelines.
- Utilized **Git** and **GitHub** for version control and team collaboration, contributing to over 100 pull requests across multiple projects.

Solitaire Infosys   Aug 2022 – Oct 2022
Summer Internship in Angular   Mohali, Punjab

- Completed a 45-day internship focused on building dynamic single-page applications (SPAs) using **Angular**.
- Implemented responsive and visually appealing user interfaces with **HTML**, **CSS**, **Bootstrap**, and **Angular** components.
- Gained proficiency in building reusable components and services, improving the maintainability of web applications.

Projects

Notebook App with User Authentication / *Site Link* / *Source Code*

- **Developed a comprehensive Notebook application** with secure user authentication using the **MERN Stack**, allowing users to register, log in, and log out with **JWT-based tokens,** and implemented **Forgot/Reset Password** features. Ensured secure token management in browser cookies using cookie-parser.
- **User Management**: Employed **bcrypt** for secure password encryption before storage in MongoDB. Added email verification via **Mailgen** and **Nodemailer** to confirm new user registrations, enhancing security and user validation.
- **Notebook and Section Management**: Created a **Notebook Dashboard** where users can create, search, and manage multiple notebooks, each with unique sections and pages. Integrated a **search functionality** to help users quickly find specific notebooks by name.
- **Rich Text Editor**: Integrated **TinyMCE** for a robust note-taking experience on each page, allowing users to format text, add images, tables, and more. Enabled page title editing and page deletion with a single click, supporting efficient note organization.
- **Redux and State Management**: Used **Redux Toolkit** and **redux-persist** for centralized state management, ensuring user data is stored in local storage for session persistence. Created a **Redux reducer** for managing notebook state, enabling real-time, dynamic updates across the app.
- **Backend Architecture**: Designed and implemented multiple **RESTful API controllers and routes** for CRUD operations on notebooks, sections, and pages, optimizing data handling and system efficiency. Integrated Cloudinary and Multer for **user avatar uploads and updates**, with automatic deletion of previous avatars to optimize storage usage.

*Technologies Used***:** React, Redux Toolkit, Node.js, Express, MongoDB, TinyMCE, Cloudinary, Nodemailer, Mailgen, JWT, bcrypt.

Education

Kurukshetra University   Kurukshetra, Haryana
Master of Computer Applications (GPA: 7.38)   Aug 2021 - Jun 2023
Dyal Singh College   Karnal, Haryana
Bachelor of Computer Applications (GPA: 7.07)   July-2018 - Jun-2021

Technical Skills

Languages: JavaScript, TypeScript, C, & C++,
Front-end Technologies: React.js, Redux Toolkit, Next.js, HTML, CSS, Tailwind CSS , & Bootstrap.
Backend Technologies: Node.js, Express.js, REST APIs, MongoDB
Tools & Version Control: Git, GitHub, Visual Studio Code, Postman, Figma, Cloudinary