

J Gaurav Varma

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SKILLS

- **Programming Languages:** Javascript, Html, Css, Python.
- **Libraries & Frameworks :** Node js, Express, Reactjs, Tailwind CSS, Material UI, Next js, Redux, MongoDB
- **Tools & Platforms :** GitHub, Postman, Aws ec2, Docker

EXPERIENCE

[Goltdev Technologies](#) | Web Developer

June 2024 - Present

- **Designed and deployed 10+ responsive templates** (blogs, portfolios, web pages), increasing client **engagement by 20%**.
- Enhanced the main application's UI, reducing **user-reported bugs** and improving user **satisfaction by 15%**.
- Developed a **dynamic feature** allowing users to **create tables and fields**, with inputs **converted to JSON** and sent to the server. Integrated an **API** to retrieve user-submitted data, improving **data management** up to **15%**.
- **Lead a team of three** to develop an **interactive web tour** for the main application, guiding users through all **available features**. This effort improved **feature adoption** and **engagement** by **35%**.

Trend Trove E-commerce application | **Freelance Project** (Next.js, Node.js, Mongodb, AWS-EC2, Docker, CI/CD)

- Designed a **microservices architecture** that enhanced **scalability and modularity**, architecture facilitated **independent deployment and management of services**, supporting **client side to communicate to server with minimal latency**
- Implemented **RESTful APIs** using **CRUD** operations with **Context API**, empowering admin with full control over product data.
- Implemented **CI/CD pipelines to AWS EC2**, **reducing deployment time by 50%** and ensuring **zero downtime** during updates.
- Utilized **Docker to containerize** the application, achieving a **30% improvement in resource utilization** and enabling easy maintainability of massive code base and scalability **across multiple environments**.
- Integrated **JWT authentication**, securing daily transactions and **protecting user data** with industry-standard **encryption**.
- Optimized **MongoDB database** operations and **server-side logic**, resulting in a **25% decrease in data retrieval times**, enhancing overall **Client Side to server communication** and user experience.

PROJECTS

[WatchScope](#) - UI driven streaming platform (React.js, Redux, Tailwind, Material UI) - [Repo](#)

- Utilized **open-source API** to **asynchronously fetch data**, enhancing the application with **conditional rendering** for better UX.
- **Implemented custom hooks and applied the single responsibility principle**, enhancing code maintainability by approximately **40% through better component reuse and organization**.
- **Optimized search functionality with debouncing** and managed application **state using Redux**, leading to a **30% improvement in search speed** and a **25% increase in performance** and scalability.

[ToDoBuddy](#) - App that never forget your next move (React.js, Redux, Tailwind, Material UI) - [Repo](#)

- Improved **task management by 30%** using **React Hooks** for seamless **task addition, deletion, and priority adjustment**.
- Achieved **100% data retention** by implementing **browser sessions to locally store task data**, preventing data loss.
- Incorporated **Redux** for **state management** and **asynchronous API** fetching, ensuring smooth data retrieval and state handling

[Help Center Cards API](#) - Fullstack Project. (Restful.API, Next.js, Express.js, MongoDB, Tailwind) - [Repo](#)

- Developed a Full stack Application that manages 'Help Center' cards, with **RESTful APIs** enabling users to **create, read, edit** and **delete** cards for providing information or raising doubts, thereby enhancing user interaction and content management.
- It provides functionalities such as **form submissions** and **search capabilities** to enhance user interaction and management of help center content up to 20% efficient.

ACHIEVEMENTS

- Solved 75 easy and 30 medium problems on LeetCode, showcasing problem-solving skills and a deep understanding of algorithms. [Link](#)
- Proficient in key DSA concepts including Sliding Window, Two Pointer, Fast & Slow Pointers Patterns, Tree BFS, DFS, Cyclic Sort, 0/1 Knapsack DP Patterns, Topological Sort, Subsets, Modified Binary Search, and more.

FUTURE GOALS

- Focus on mastering the **fine-tuning of large language models (LLMs)** and integrating **them into web applications** to deliver **personalized user experiences** and innovative features.