

## Frontend Developer

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### Carrier Objective:

- To attain deepest knowledge and skills in the field of interest and to render excellent service in a company that offers professional growth while being resourceful, innovative and flexible.

### Positive Skills

- Ability to work in team dedicated environment with professional attitude.
- Effective communication, presentation skills and hardworking nature.
- Comprehensive problem-solving skills, motivated and quick learner.
- Ability to articulate and compare alternative approaches.

### Work Experience

- Total work Experience: 1+yrs
- Relevant to Commvault: 1+yrs
- Worked as Software Engineer in **TEMENOS** from Dec 2021 to Jan 2023

### Academic Details

- B. Tech – Vignan University - ECE – 2017-2021 - 8.2 CGPA
- 12<sup>th</sup> Standard – Narayana Junior College – 2015-2017 – 91%
- Schooling – Shree KVR Naidu High School – 2014-2015 – 8.0 CGPA

### Technical Skills

- Proficient in React.js, Nextjs, Redux-Toolkit, Javascript & TypeScript
- Experience with REST/CONTEXT-API, Node.js, Express.js, Mongo DB, Firebase, Python, SQLite, HTML, CSS
- Familiarity with Bootstrap and Material UI frameworks and React-Native
- Knowledge of version control systems such as Git
- Experience with tools like Postman, Jira, and Bitbucket

### Roles and Responsibilities:

- Developing and implementing user-friendly websites and applications using ReactJS, Nextjs, Redux-Toolkit, Javascript, Typescript, HTML and CSS.
- Using Node.js and Express.js to build RESTful APIs for frontend applications to consume
- Working with databases such as MongoDB, Firebase to store and retrieve data
- Optimizing the performance of web applications through techniques such as code splitting, lazy loading, and caching

- Participating in Agile development methodologies such as Scrum or Kanban, attending daily stand-ups, sprint planning, and retrospective meetings
- Mentoring junior developers and providing guidance on coding best practices and development workflows.
- Collaborating with cross-functional teams, including designers, developers, and project managers, to deliver high-quality projects on time and within budget.
- Worked closely with clients in order to understand and solve their requirements in fast paced manner
- Keeping up-to-date with the latest technologies, trends, and frameworks in web development, and applying them to enhance the performance and functionality of projects
- Writing and maintaining documentation for projects, including technical specifications, user manuals, and design guidelines
- Collaborating with backend developers to ensure efficient and reliable data flow
- Communicating effectively with team members and stakeholders to ensure successful project delivery
- Implementing responsive web design and ensuring cross-browser compatibility

## Projects:

### Prompt Me - Empowering Creativity ([Click Here for the Preview](#))

#### Project Description:

PromptMe is a web application built using Next.js, Tailwind CSS, and NextAuth, designed to inspire creativity and encourage users to express their thoughts through writing prompts. The app provides a platform for users to sign in with their Google accounts, create writing prompts, and view & copy them in a centralized home page. Users can also access their profile, where they can manage and edit their created prompts. The app supports searching for prompts based on title, content, and tags, making it easy for users to find inspiration for their writing endeavors.

#### Technologies Used:

Next.js: A popular React framework for server-rendered React applications.

Tailwind CSS: A utility-first CSS framework for rapidly building custom user interfaces.

NextAuth: A library for authentication in Next.js applications that supports various providers, including Google.

Google Auth: Allows users to sign in with their Google accounts securely.

#### Key Features Implemented:

User Authentication: Integration of NextAuth and Google Auth providers for secure user sign-in and authentication.

Prompt Creation: Users can create prompts with a title, content, and tags for categorization.

Home Page: Displaying a list of all created prompts for users to explore and find inspiration.

Profile Section: Users can view their own created prompts and perform actions like editing or deleting them.

Search Functionality: Users can search for prompts based on title, content, or tags to find specific prompts easily.

#### Challenges Faced:

Implementing Google Auth: Integrating the Google authentication provider and handling user data securely.

Prompt Search: Designing an efficient and effective search system for prompts based on various criteria.  
Managing Prompt Editing: Ensuring that users can safely edit and delete their prompts without compromising data integrity.

### **Solutions Implemented:**

Google Auth Integration: Properly configuring NextAuth with Google Auth to enable secure user sign-in.  
Optimized Search Functionality: Implemented a robust search system using Next.js and Tailwind CSS to allow users to find prompts efficiently.  
Safe Prompt Management: Developed a secure backend system to handle prompt editing and deletion requests while validating user permissions.

## **Car Connect: Simplified Car Search Experience** ([Click Here for the Preview](#))

**Project Description:** The application allows users to search for cars based on various criteria such as car company, car type, fuel type (including fuel, gas, and electric), and year

**Technologies Used:** Next.js, TypeScript, Tailwind CSS, Headless UI, React, HTML, CSS

### **Key Features Implemented:**

- User-friendly interface for seamless car searching and browsing experience
- Search functionality allowing users to find cars by company, type, fuel type, and year
- Integration of the Headless UI library to create dropdowns and autocomplete search for enhanced user interaction
- Displaying detailed information about a selected car in a popup box, featuring a close icon for easy dismissal
- "Show more cars" button at the bottom of the page, dynamically increasing the displayed car limit (e.g., from 10 to 20, 20 to 30) upon clicking
- Implementation of TypeScript for enhanced code reliability and maintainability

### **Challenges Faced:**

- Designing and implementing a responsive user interface that works seamlessly across different devices and screen sizes
- Integrating and configuring TypeScript with Next.js and Tailwind CSS for type safety and improved development experience
- Managing and consuming data from the Cars API, ensuring proper handling of responses and errors
- Implementing the dynamic increase of the displayed car limit while maintaining optimal performance

### **Solutions Implemented:**

- Utilizing Next.js, a powerful framework for building server-rendered React applications, to achieve a responsive design that adapts to various devices
- Leveraging Tailwind CSS, a utility-first CSS framework, to expedite the styling process and ensure consistent design across the application
- Utilizing the TypeScript language to catch potential bugs early, enhance code readability, and provide a better developer experience
- Integrating Headless UI to leverage pre-built components for dropdowns and autocomplete search, reducing development time and improving user interaction
- Implementing efficient data fetching and pagination techniques to optimize the loading and displaying of cars, enhancing overall performance

## YouTube Clone ([Click Here for the Preview](#))

**Project Description:** A clone of the popular video sharing platform, YouTube.

**Technologies Used:** React.js, JavaScript, Node.js, Express.js, Material UI, HTML, CSS, JavaScript

**Key Features Implemented:**

- User authentication and authorization using JSON Web Tokens (JWT)
- Search functionality to find videos by title or keyword
- Pagination for displaying videos in pages
- Responsive design for optimal viewing on all devices
- Implementation of RESTful API endpoints to interact with the backend server.
- We can like, dislike, add videos to saved videos section

**Challenges Faced:**

- Implementing video playback controls and handling video streaming on the frontend
- Implementing pagination and search functionality to efficiently display and search through large amounts of data

**Solutions Implemented:**

- Utilizing video player libraries such as React Player for handling video playback and streaming
- Implementing server-side pagination and search functionality to reduce the amount of data sent to the frontend and improve performance

## Shopping App ([Click Here for the Preview](#))

**Project Description:** A clone of an e-commerce website that allows users to browse and purchase products.

**Technologies Used:** React.js, Node.js, Express.js, Bootstrap, HTML, CSS, JavaScript

**Key Features Implemented:**

- User authentication and authorization using JSON Web Tokens (JWT)
- User registration and login functionality
- Ability to browse products by category and subcategory
- Product details pages with product images, descriptions, and pricing information
- Shopping cart functionality to add and remove products from the cart
- Responsive design for optimal viewing on all devices
- Implementation of RESTful API endpoints to interact with the backend server

**Challenges Faced:**

- Implementing user authentication and authorization using JWT for secure access to restricted routes and functionality
- Creating a responsive design that works well on all devices and screen sizes

**Solutions Implemented:**

- Using third-party libraries and user authentication and authorization
- Utilizing Bootstrap for a mobile-first, responsive design that adapts to different screen sizes

## Achievements And Awards

- Secured Preliminary English Test (PET) certificate conducted by Cambridge with merit B1 CEFR level in 2017
- Qualified in business English certificate Vantage held by Cambridge University - 2019

## Certificates

- Spot Award for Best Presentation After Compilation of Training By Temenos
- 4 Certificates on Front-End Which Was Issued by NXT WAVE.

## Personal Information:

- Date of birth : 04/10/2000
- Sex : Male
- Marital status : Single
- Languages known : English, Telugu and Hindi.
- Nationality : Indian
- Strength : Goal oriented and ready to take challenge

## Declaration:

I hereby declare that above written particulars are true to the best of my knowledge and belief.

Date:

Place: Bangalore

(Bhargava Teja)