

# Sanjuna S Prasad

[LinkedIn](#) | [GitHub](#) | [sanjunasprasad@gmail.com](mailto:sanjunasprasad@gmail.com) | [+91 828545007](tel:+91828545007)

## SUMMARY

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Passionate self-taught **MERN stack** developer with expertise in building robust web applications. Proficient in **MongoDB**, **Express.js**, **React**, and **Node.js** to deliver scalable solutions.

## PROJECTS

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### Connectify - Socialmedia Web Application

[Live](#) - [GitLink](#)

- **Connectify** is a dynamic social media **web application** facilitating seamless user engagement developed using **MERN stack**. With intuitive login/signup, robust post management, real-time chats, personalized notifications, report profile, and a follow/following feature, user can effortlessly connect and interact within their network.
- **Features:** Integrated **JWT** for authentication purpose, React and **Redux toolkit** for state management, **Role-based** authentication
- **Scalable AWS Infrastructure:** Orchestrated **AWS EC2** instances for scalable computing resources and utilized **Route 53** for domain management, bolstered with **Nginx SSL** configurations for enhanced security.
- Demonstrated self-learning capabilities by independently completing all project phases, within **6 weeks**.

### AllSilks - Ecommerce platform

[Live](#) - [GitLink](#)

- AllSilks Developed an **E-commerce platform** leveraging **Node.js**, **Express.js**, **MongoDB** and **Ejs**. with user-friendly features, efficient categorization, and detailed tracking, along with the filters and sorting options based on product price.
- Integrated **Razorpay**, **Cash-on-delivery** and **Wallet** payment mode for seamless checkout options.
- Developed a **checkout page** with **wishlist management**, allowing users to add or remove items and proceed to order.
- Implemented **Sales Report** using visually appealing **graphs** for comprehensive analysis.

## MINI PROJECTS

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### Netflix React Clone

[GitLink](#)

- Utilized **React** framework and **TMDB API** for dynamic content fetching. Used **Axios** module for seamless **API calls**.
- Created a **responsive** design with **React component** based structure, ensuring seamless navigation.
- Key **features** include a movie **carousel**, trailer pop-ups and search functionality, spotlighting **React.js** prowess in creating dynamic and interactive web applications.

### Olx Clone

[GitLink](#)

- Developed an OLX-like online marketplace using **React.js**, enhanced with **JSON Web Token (JWT)** for secure user **Authentication**.
- **Robust backend** powered by **MongoDB**, **Express**, and **Node.js**, ensuring efficient data management and seamless operations.
- Clone supports functionalities such as listing **creation**, **browsing** and **searching**, **delivering** a simplified and efficient online shopping experience

- **API Integration:** Implementing **API** calls to retrieve **real-time** weather data from providers like **OpenWeatherMap**, enhancing user experience with accurate forecasts.
- **Responsive Design:** Designing a responsive and intuitive user interface using **HTML**, **CSS**, and **JavaScript frameworks** like **Bootstrap**, ensuring seamless access across devices.
- **Location-based Services:** Integrating **geolocation APIs** to provide personalized,**real-time** weather updates based on the user’s current location, enhancing usability and relevance.
- **Efficient state management** using **React- Hooks**.

SKILLS

Programming Languages	JavaScript (ES6), C++ , C
Front-End Development	ReactJS , Redux, Redux Toolkit, EJS (Embedded JavaScript) ,HTML, CSS, Tailwind CSS
Back-end Development	Node.js, Express, Mongoose, REST API, MVC Architecture, Clean Archi- tecture
Database and Storage	MongoDB, PostgreSQL, S3 Bucket (AWS)
Integrations	Google API, Razorpay, Cloudinary, Multer, Socket.IO, JWT
Deployment	NGINX, AWS EC2, Route 53, TLS, PM2
Tools	Git, GitHub, Postman, Figma, npm

COURSES

**Brototype , Bangalore, Karnataka** (April 2023 - April 2024)  
MERN stack web development

EDUCATION

**B.Tech - Computer Science and Engineering** (2013 - 2017)  
Sree Narayana Gurukulam College of Engineering, Ernakulam