

# Panyala Akash Reddy

Hyderabad | akashreddy2305@gmail.com | 9032843302

 Portfolio |  GitHub |  LinkedIn

## Skills

---

**Languages:** JavaScript, Typescript, HTML, CSS, python

**Frameworks/Libraries:** React.js, Redux Toolkit, Next.js, Tailwind CSS, Node.js, Express.js

**Databases:** MongoDB, SQL, MySQL

**API Technologies:** REST API, GraphQL

**other:** AWS(EC2 instance), Nginx, Data Structures and Algorithms

**Interpersonal skills:** Creativity, Critical thinking, Communication skills, Problem Solving, Team player, Innovative.

## Work Experience

---

**Dropac** (Full Stack Developer)

Dec 2024 - Mar 2025

- I have worked on developing a custom **CMS** for Metageeks, utilizing **React.js** for the frontend, **Node.js** and **Express.js** for the backend, with using **MongoDB** for data storage. I contributed mostly on implementing role management, authentications of (users, admin, Moderator and contributor), and creating new content model pages where the user can create multiple content types for dynamic usage.
- Contributed to the integration of the main Metageeks Secure website with Contentful CMS for dynamic content where its developed using **Next.js** management, ensuring smooth data storage and retrieval through Contentful APIs.
- Developed a live chat support feature for Goat Network and Enhanced user authentication and authorization workflows with using **JWT** tokens for secure access, while using Next.js to manage client-side and server-side rendering based on user roles for optimized performance..
- Integrated **Stripe** and **Razorpay** payment gateways into client web applications, enabling secure and efficient payment processing for global and local transactions. Developed both frontend and backend components to handle payment flows, including tokenization, order creation, and payment confirmation.
- Contributed to the end-to-end development of **Dropac**, a logistics and supply chain platform for booking trucks and vehicles. Built responsive frontend interfaces using **React.js**, and developed scalable backend APIs with **Node.js** and **Express**, integrating **MongoDB** for data persistence. Ensured smooth booking flows, real-time tracking, and seamless user experience.

## Projects

---

### Multi-Vendor-Hub Application

- Developed a responsive and interactive user interface using **React.js** and **Tailwind CSS** for fast and mobile-friendly designs. Implemented **Lazy Loading** for optimizing page load times and improving performance.
- Integrated Redux Toolkit for global state management, enabling smooth data flow across components and real-time updates. Integrated **Cloudinary** for storing and serving product images and media, ensuring fast and scalable storage solutions.
- Built a robust **Node.js** and **Express.js** backend to handle user authentication, product management, and order processing and **MongoDB** database to store and manage user profiles, products, orders, and transaction data with optimal queries and scalability.
- Implemented role-based access control (RBAC) using **JWT** (JSON Web Tokens) for secure and scalable authentication and authorization of Admin, Seller, and Customer roles.
- Integrated using the Stripe Payment Gateway to enable secure online payments and handle transactions.

## Real-Time Chat Application

- Designed an intuitive, responsive user interface using **ReactJS** and **TailwindCSS**, ensuring seamless communication across different screen sizes and devices.
- Implemented user authentication and session management using JWT (JSON Web Tokens) for secure access control. Implemented end-to-end encryption using CryptoJS to secure messages, ensuring private and confidential communication.
- Integrated real-time chat functionality using **WebSockets**, ensuring instant message delivery and real-time updates without the need for page refreshes.
- Developed a scalable **REST API** using **Node.js** and **ExpressJS**, handling user registration, login, and messaging functionality. MongoDB was used for efficient, NoSQL-based data storage, with user credentials, message history, and user statuses being managed in real-time.

## Education

---

<b>Chandigarh University</b>	Aug 2019 – May 2023
<ul style="list-style-type: none"><li>• B.Tech in Computer Science and Engineering</li><li>• CGPA: 7.11</li></ul>	
<b>Sri Chaitanya junior college</b>	jun 2016 – May 2018
<ul style="list-style-type: none"><li>• Percentage: 92.1</li></ul>	
<b>Sri Chaitanya high school</b>	jun 2015 – May 2016
<ul style="list-style-type: none"><li>• GPA: 9.7</li></ul>	

## Additional

---

**Certifications:** JavaScript , web development(React js)

**Achievements:** Got merit scholarship of 60% in Chandigarh University