

Panyala Akash Reddy

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 [GitHub](#) |  [LinkedIn](#)

Education

Chandigarh University <ul style="list-style-type: none">B.Tech in Computer Science and EngineeringCGPA: 7.23	Aug 2019 – May 2023
Sri Chaitanya junior college <ul style="list-style-type: none">Percentage: 92.1	jun 2016 – May 2018
Sri Chaitanya high school <ul style="list-style-type: none">GPA: 9.7	jun 2015 – May 2016

Work Experience

Metageeks Technologies (Full Stack Developer intern)	Dec 2024 – Mar 2025
<ul style="list-style-type: none">I have worked on developing a custom CMS for Matageeks technologies, 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 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..	
High radius (Frontend Developer intern)	Aug 2024 – oct 2024
<ul style="list-style-type: none">I have worked on web based product thereby developed a deep understanding of all aspects of product development such as identifying appropriate user requirements, designing a great user experience and building appropriate models along with the relevant UI components and backend design.implemented new features built components using React.js and Tailwind CSS.Reduced the bounce rate by 5% by creating a user-friendly interface that was easy to navigate and use.Improved the loading speed by 10% by using lightweight UI components.	

Projects

Multi-Vendor-Ecommerce 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. using the Stripe Payment Gateway to enable secure online payments, handle transactions, and manage refunds.

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.

Skills

Technical skills: JavaScript , HTML, CSS , React.js, Next.js, Tailwind CSS, Node.js, Express.js, MongoDB , SQL, java , Data Structures and Algorithms

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

Additional

Certifications: JavaScript , web development(React js)

Achievements: Got merit scholarship of 60% in Chandigarh University