

Roshan R

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Education

Vellore Institute of Technology, Chennai Campus

Bachelor of technology in Electronics and Computer Engineering

Jul 2022 - Present

CGPA upto (4th Sem) :- 8.76

Work Experience

[Frontend Developer intern](#) [\(Offer Letter\)](#)

Jivan Health, PVT LTD

Jun 2024 - Aug 2024

Chennai, Tamil Nadu

- Collaborated in designing a health-based website, focusing on front-end development and implementing software solutions.
- Utilized Next.js to leverage various components, enhancing performance and scalability while applying coding expertise.
- Improved the interactivity and user-friendliness of the website, ensuring a seamless user experience through best practices in web development.
- Applied computer science principles to optimize front-end implementation and provided collaborative solutions in a fast-paced environment.
- Demonstrated strong communication skills to effectively collaborate and implement solutions efficiently.

Projects

[Admin Panel, Data Science Club VIT Chennai](#)

React, MongoDB, Javascript

- Integrated an OTP-enabled system into the admin panel for the Data Science Club, focusing on robust authentication mechanisms.
- Employed Axios and Fetch commands to ensure secure access and authentication, leveraging coding skills and modern technologies.
- Utilized computer science principles to enhance data management capabilities, improving efficiency and scalability.
- Collaborated effectively in a fast-paced environment, demonstrating strong communication skills to improve security and operational efficiency.

[Shopping Cart for E-commerce Websites](#)

React, MongoDB, Javascript

- Integrated an OTP-enabled system into the admin panel for the Data Science Club.
- Employed Axios and Fetch commands to ensure secure access and authentication.
- Leveraged modern technologies to enhance data management capabilities, improving efficiency and scalability.
- Enhanced security in club operations through robust authentication mechanisms, adhering to best practices in coding and programming.

[PodcastGen](#)

NextJs , Convex , RapidApi ,schadCn

- Developed a platform for users to create and publish AI-generated podcasts.
- Implemented user authentication for secure login and podcast management.
- Integrated AI image generation for podcast covers and supported image uploads.
- Enabled AI voice generation for transcripts in over 10 languages.
- Utilized free API integrations for voice and image functionalities.
- Implemented search capabilities with genre-based recommendations for discovery.
- Allowed users to listen to and engage with podcasts from other creators.
- Designed an intuitive user interface for enhanced user experience.

Technical Skills

Languages : Java, Python, C/C++, SQL, JavaScript, HTML/CSS, GreenSock

Frameworks : React, Node.js, Express, Material-UI

Developer Tools : Git , Docker, VS Code