

JOSEPH K ANOJ

Full stack Developer | CSE Bachelors of Technology | APJ Abdul Kalam Technological University

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SUMMARY

Full Stack Developer with expertise in both **front-end** and **back-end** technologies, including **JavaScript**, **TypeScript**, **React.js**, **Node.js**, and **PostgreSQL**. Proven track record in developing scalable, user-centric applications that enhance productivity and streamline workflows. Experience working on projects across diverse domains such as social media marketing, IoT, and eCommerce. Skilled in designing intuitive UIs, integrating real-time data, and implementing secure, efficient back-end systems. Strong collaborator with a focus on delivering high-quality, impactful solutions, and a commitment to continuous learning in an ever-evolving tech landscape.

SKILLS

Programming Languages	: JavaScript, Java, Python
Frontend Technologies	: HTML, CSS, JavaScript, React.js, TypeScript
Backend Technologies	: MongoDB, Express.js, Node.js, Mongoose, RESTful APIs, Postgres
Version Control & Tools	: Visual Studio Code, Postman, GitHub, React Developer Tools

EXPERIENCE

Freelance Developer

(10/2024 - present)

- Designed and developed both the UI and backend of a management application for a social media marketing client, leading to a 15-25% increase in productivity. Utilized **React** with **Vite** and **TypeScript** for the frontend, ensuring a fast and **responsive** user experience. Implemented **Passport.js** for secure authentication, integrated **PostgreSQL** for robust data storage, and leveraged **Redux** for efficient state management.
- Designed and developed the **UI** for an IoT-based application using React.js, integrating real-time data from the Blynk API. The app directly communicated with Blynk's cloud service via its **HTTP API** to fetch sensor data and control IoT devices. This seamless integration allowed users to monitor and interact with devices in real time. The frontend utilized React.js for a dynamic and responsive user experience, handling all API requests and device management directly from the client-side.
- Designed the UI for a software product from concept to completion, with a strong focus on usability and user experience. Created initial wireframes and prototypes using **Figma**, iterating on design concepts to ensure a seamless, intuitive interface that meets user needs.
- Developed a fully responsive, interactive website for a startup using Wix Studio and custom CSS.

Cuvette Tech – Full Stack Developer Intern

(01/2024 – 07/2024)

- Developed "Quizzie," a **MERN**-stack quiz maker application with pixel-perfect implementation based on Figma designs. Leveraged the MERN stack to build the full-stack application, utilizing **Context API** for state management. The app allows users to create quizzes and share them with others; participants do not need an account to take the quiz, enhancing accessibility. **Deployed** the application using **Vercel** and **Render** for seamless hosting and scalability.
- Built "Task Manager," a MERN-stack application tailored to specific requirements. Designed and implemented a **RESTful API** to manage tasks and user data, ensuring secure **JWT-based** authentication for data protection. The application allows users to share tasks with other registered users, while providing a view-only mode for sharing tasks with anyone, making it accessible without requiring registration.

Publicis Sapient – Associate Developer L1

(02/2022 – 12/2022)

- Contributed to the **front-end development** of an **eCommerce** site on **Salesforce Commerce Cloud (SFCC)** for an Australian client, gaining exposure to **UI/UX** enhancements and the development process. Worked alongside the team to assist with various aspects of the project, learning best practices in eCommerce development.
- Led front-end design and development of a hotel management website, including room reservation functionality. Designed and developed the room booking page, and implemented backend login and registration features. Collaborated with team members to integrate individual contributions into a fully functional project.
- Participated in **code reviews** and collaborated with the team to ensure adherence to best practices.

PROJECTS

Workflow Builder :

Developed an interactive React Flow-based application for creating, saving, and loading workflows with Local Storage for data persistence. The app enables users to build custom workflows with drag-and-drop functionality and dynamic node management.

- **Workflow Canvas & Node Management:** Implemented a full-page canvas for creating workflows with three types of nodes (Start/Stop, Process, Decision) and the ability to drag-and-drop nodes from a side palette.
- **Node Interaction:** Enabled users to add, remove, and edit node properties (e.g., label, description), as well as move and rearrange nodes, dynamically updating connections.
- **Connectors & Edges:** Developed drag-to-connect functionality, allowing users to create and modify connections (edges) between nodes.
- **Workflow Persistence:** Allowed users to save up to five workflows in Local Storage and load them for future editing, mimicking API interaction.
- **Responsive Design:** Ensured full responsiveness for seamless use on desktops, tablets, and mobile devices.
- **State Management:** Utilized Context API to manage global state across the application for smooth user interaction and efficient data handling.

React Notes App, Notes App 2.0 :

Designed and developed a responsive notes application where users can create, store, and manage their notes. The app uses Local Storage to persist data across sessions and is deployed using GitHub Pages for easy access.

- **Note Management:** Enabled users to add, edit, and delete notes, with data stored in Local Storage for persistence.
- **Responsive Design:** Ensured the app is fully responsive and user-friendly across various devices (desktop, tablet, and mobile).
- **Deployment:** Deployed the app using GitHub Pages, providing easy access to users directly from the web.

Versa Hub :

Developed a versatile web application offering a range of features, including note-taking, weather updates, news, and movie recommendations, all powered by free APIs.

- **Note-Taking Feature:** Implemented a notes section for users to add, edit, and manage personal notes, providing a simple and efficient way to organize information.
- **Weather Updates:** Integrated a free weather API to deliver real-time weather updates, allowing users to view current conditions based on their location.
- **News:** Used a news API to provide the latest news headlines, keeping users informed with current events.
- **Movie Recommendations:** Integrated a movie API to suggest movies based on user preferences, enhancing the app's functionality.
- **Responsive Design:** Ensured the app was fully responsive, providing a seamless experience across all devices (desktop, tablet, and mobile).
- **API Integration:** Leveraged various free APIs to bring dynamic, real-time content to the app, enhancing user engagement.

EDUCATION

Computer Science Engineering – Sahrdaya College of Engineering and Technology

(2017 – 2021)

- Acquired foundational knowledge in programming languages including C/C++, Java, Python, and SQL.
- Worked on projects integrating Machine Learning (ML) and IoT technologies, including a **Cipher Home** project.
- Contributed to the development of an **Object Detection Project** leveraging Python and OpenCV.