

# KARL KAUSHAL AMANNA

Frontend Developer

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I am a Frontend Web Developer with expertise in **JavaScript**, **TypeScript**, **HTML**, and **CSS**, with a strong foundation in **React.js**. Passionate about building user-friendly and efficient web applications, I am always eager to take on new challenges and stay updated with the latest technologies.

## EDUCATION

Bachelor of Engineering, Shri Madhwa Vadiraja Institute of Technology, Udupi.

10+2 Milagres PU College, Udupi.

10 Milagres School, Udupi.

## TECHNICAL SKILLS

**Languages:** Proficient -> JavaScript, Typescript , HTML, CSS.

**JS Frameworks/Libraries:** Proficient -> React.js, Familiar with -> Angular, Express.js.

**CSS Frameworks/Libraries:** Proficient -> Bootstrap, Material UI , Familiar with -> Tailwind.

**Database:** Familiar with -> Mongo DB.

**Version Control & Project Management:** GitHub, GitLab, Trello.

**Payment Gateway:** Razorpay.

## Experience

**Chipsy IT Services Pvt Ltd. – Frontend Developer**

**02/2021 – Present**

### Selected Projects Experience:

- **RBL Banking Services** | *Next.js, SCSS, Material UI*
  - Developed series of Digital Account opening products, including Go-savings, Regular, Women's and Account on Credit-card, using Next.js to build front-end.
  - Utilized various React concepts, such as HOC, context API, hooks, component lifecycle methods, efficient routing with next file base routing, to create dynamic and interactive user interfaces.
  - Implemented Next.js static site generation (SSG) to efficiently generate static landing pages, enhancing the website's performance and optimizing load times for a seamless user experience.
  - Integrated CleverTap for user analytics and behavior tracking, and Google Tag Manager (GTM) for efficient tag management and event tracking across the site.
- **Dharmasthala Guest Management System** | *React, Typescript, Redux, SCSS, Material UI, React Hook Form*
  - Developed a complete offline guest management and room booking application using React and Redux.
  - Built the application as a desktop executable (EXE) using Tauri, enabling efficient room booking and management without an internet connection.
  - Implemented React Hook Form for efficient and optimized form handling, improving validation and performance.
- **Vitalbase Hospital Management HIMS System** | *React, Typescript, Redux, SCSS, Bootstrap*
  - Developed a comprehensive Hospital Information Management System (HIMS) to manage patient records, appointments, billing, laboratory, pharmacy, and inventory.
  - Successfully integrated ABHA (Ayushman Bharat Health Account) and HCX (Healthcare Claim Exchange), for data exchange within the healthcare ecosystem.
  - Ensured secure data handling by integrating authentication and authorization mechanisms.

- **National Health Claim Exchange (NHCX) | React, Typescript, Redux, SCSS, Bootstrap**
  - Developed complete frontend part of Health Claim Exchange application by NHA which includes coverage verification, pre-auth request, and claim submission using FHIR bundles.
  - Enabled payment tracking, communication requests, and reprocessing for seamless claim management.
  - Worked on optimizing the frontend for improved performance and reduced load times.
  - Implemented real-time updates and notifications for claim status changes.
- **Karnataka Bank Netbanking UI/UX | Angular, Typescript, HTML,CSS**
  - Redesigned the Karnataka Bank Netbanking UI using Angular, improving usability while maintaining existing functionalities.
- **University Management System | Angular, Typescript, HTML,CSS**
  - Developed a University management system used to manage data of staff, students and material resources using Angular to build front-end.
  - Utilized various Angular concepts such as Services, Routes, Router Guard, Observable, Components, Directives, Pipes etc.