

# Anil Palli

## Software Developer

Frontend Developer with 6+ years building web applications using React, TypeScript, and Next.js. I've worked on customer-facing portals, multi-role platforms, and migrated legacy systems to modern frameworks. I focus on writing clean code, creating smooth user experiences, and collaborating with teams to ship working software.

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## WORK EXPERIENCE

### Freelance React/Next.js Developer

Zumin.ca

06/2024 - Present

Remote

Real estate technology platform providing comprehensive services for agents and clients.

#### Achievements/Tasks

- Built "Connect" (partner.zumin.ca), a customer-facing portal for real estate agents and their clients to manage services and communications
- Developed role-based access control handling three user types (Admin, Partner, Client) with different permissions and workflows
- Created the main website (zumin.ca) using Next.js, implementing responsive design with TailwindCSS and optimizing for SEO
- Implemented complex UI components using React, TypeScript, and React Query for state management
- Worked with stakeholders to iterate on features based on user feedback

### React Developer (Contract)

Day Translations

02/2024 - 01/2025

Remote

Global translation and localization services company serving Fortune 500 clients.

#### Achievements/Tasks

- Migrated the existing WordPress-based website to Next.js, significantly improving SEO performance, page load speed, and overall user experience.
- Integrated headless WordPress CMS with Next.js, enabling content management while leveraging modern React architecture for enhanced performance.
- Single-handedly designed and developed DayDubs (daydubs.com), an innovative video dubbing application that converts videos into user-selected audio languages.
- Implemented advanced video processing features including subtitle generation, multi-language dubbing, and audio synchronization using Next.js and modern web APIs.

## SKILLS

React.js TypeScript Next.js Redux Toolkit

React Query TailwindCSS Zustand

Context API Microfrontend Architecture Jest

React Testing Library Cypress Datadog

Javascript Node.js NoSql MongoDB

React Native HTML/CSS Docker Git

Microservices PostgreSQL Python

## PROJECTS

### HCUBE Data Analytics Pipeline Automation Tool (08/2019 - 07/2020)

- Developed an intuitive React.js interface for visualizing and managing complex data pipelines, streamlining the analytics process and reducing setup time by an estimated 25%.
- Integrated JsPlumb to render dynamic, interactive pipeline diagrams, providing analysts with enhanced insights and a user-friendly workflow configuration experience.
- Collaborated on a full-stack solution to automate large-scale data analytics tasks, including Node.js backend development and Java integration.
- **Technologies:** React.js, JsPlumb, Node.js, Java

### Arts Video Streaming Course Platform (10/2020 - 03/2021)

- Developed a seamless video streaming experience using React.js and TypeScript, crafting custom player components with features like playback controls, captions, and progress tracking.
- Ensured scalable video delivery for thousands of users by optimizing React state management and integrating with Firebase's real-time database (Firestore).
- Incorporated Socket.io for real-time interactions within the course platform, enhancing live Q&A, collaborative features, or student progress synchronization.
- **Technologies:** React.js, Next.js, TypeScript, Firebase, Socket.io, Node.js

## WORK EXPERIENCE

### Senior Software Engineer Macersoft Technologies

01/2023 - 06/2023

Remote

Data and Application design, development and management consulting company serving small to large enterprise companies.

#### Achievements/Tasks

- Constructed reusable and performant form components with React Hook Form and React Query. Optimized data fetching and validation processes for an exceptional user experience.
- Crafted highly adaptable React components and employed **TypeScript** to ensure a robust, type-safe codebase.

### Software Engineer BYJU'S

10/2020 - 11/2022

Banglore

Byju's is an Indian multinational educational technology company.

#### Achievements/Tasks

- Developed independent React application for coding education module within larger microfrontend ecosystem.
- Created a custom image-to-video conversion solution, enabling seamless video streaming within a React-based educational platform.
- Implemented React Query for efficient data fetching from Firestore, optimizing load times for thousands of concurrent users
- Created reusable UI components with TypeScript ensuring type safety across the module
- Collaborated with platform team on cross-module communication using custom events and shared state patterns

### Full Stack Developer (MERN) Msr Cosmos

11/2018 - 10/2020

Hyderabad

Globally-driven organization, focused on delivering success.

#### Achievements/Tasks

- Introduced React Hooks and React Hook Form to streamline state management and form handling, boosting development efficiency and improving user input validation.
- Designed and implemented reusable React components for dynamic forms, including nested data structures, enhancing development speed and maintainability.
- Architected a complex workflow management system using JsPlumb, featuring dynamic pipelines for a flexible and visually intuitive user experience.

## PROJECTS

### Byjus Coding Web Application (03/2021 - 11/2022)

- Developed the core UI for an interactive coding education platform using React.js, focusing on intuitive student navigation and feedback mechanisms.
- Employed React Query to streamline data fetching from Firestore, minimizing loading times and enhancing the responsiveness of code challenges.
- Collaborated on the integration of new coding curriculum, successfully managing the seamless addition of content within the React UI.
- **Technologies: React.js, Next.js, TypeScript, Firebase, React Query, Firestore, Node.js**

### Day Translations Website Migration (02/2024 - 01/2025)

- Migrated enterprise translation services website from WordPress to modern Next.js architecture.
- Successfully transitioned WordPress-based site to Next.js while maintaining all existing functionality and content.
- Integrated headless WordPress CMS enabling content team to manage content while leveraging Next.js performance benefits.
- Achieved significant improvements in SEO rankings, page load speeds, and Core Web Vitals metrics.
- **Technologies: Next.js, WordPress Headless CMS, TypeScript, Tailwind CSS, GraphQL, Shadcn/ui**

### DayDubs - Video Dubbing Platform (02/2024 - 01/2025)

- Created a complete video dubbing application enabling users to add subtitles and convert video audio into multiple languages.
- Single-handedly architected and developed the entire application from concept to production deployment.
- Implemented video processing pipeline with subtitle generation, multi-language audio conversion, and synchronization capabilities.
- Optimized for performance handling large video files with efficient compression and streaming techniques.
- Designed intuitive user interface for seamless video upload, language selection, and processed video delivery.
- **Technologies: Next.js, TypeScript, Video Processing APIs, Firebase, Filepond, Mantine ui, Tailwind CSS, Zustand, React Query**

## EDUCATION

### Masters in Software Engineering Vaasa University of Applied Sciences

06/2023 - 08/2024

Finland