

Fundamentals

- Essentials: Introduction to React
- React Basics: Understanding components and props
- Component Lifecycle: Overview of lifecycle methods and hooks in React

Next.js Essentials

- Setting up Environment: Installing NodeJS and initiating new Next.js Project
- Routing in Next.js: Exploring the page and app directories.
- Server and Client Components: Understanding the differences and their use cases.
- Data Fetching Methods: SSR and SSG
- Data Fetching Methods using React Query

Styling

- CSS in Next.js: Managing global styles
- Styling Libraries: Integrating Tailwind CSS
- Mobile-First Design: Best practices for responsive and mobile-first design

APIs in Next.js

- Creating API Endpoints: Building and managing API routes in Next.js.
- Rate Limiting
- Best practices while creating APIs in Next

SEO and Performance in Next.js

- Image Optimization: Efficiently using the Next.js Image component.
- Metadata and SEO: Adding Dynamic metadata for search engine optimization.
- Role of semantics

CMS Project

- Project Initialization and Essential Setup
- Crafting an Engaging Landing Page
- Designing a Blog and Blogs Page
- Authentication with Next Auth
- Setting up Database with MongoDB and Prisma
- Creating the Draft edit page
- Transforming Static Blogs into Dynamic
- Developing a Blog Update Feature
- Admin-Only Access: All Posts Management Page
- Admin-Only: All Users Overview Page
- Building a Public Post Search Functionality
- AI-Powered Content Generation and Paraphrasing
- Implementing Rate Limiting and CORS for Security
- Dynamic Open Graph Image Generation for SEO
- Deploying the application

Image Recognition Project



- Build Image Recognition project

Job Portal Dashboard Project

- Project Initialization and Landing page
- Database and prisma setup
- Authentication with Next Auth
- Setting up user onboarding
- Crafting User Settings Page (Part 1)
- Crafting User Settings and Company Settings Page (Part 2)
- Managing Job Posts: Add and Update Jobs
- Applying to Jobs
- Building the Single Job Page
- Employer Applications Submission Panel
- All jobs page, individual user and company pages
- Deploying the application

Airbnb Project

- Initialization
- Database Setup
- Authentication with Next Auth
- Become a Host Page
- Advance Property Search
- Property Listing
- Reservations Implementation
- My Listings and Bookings Page
- Favorites Management
- Deployment