

KARAN DATTANI

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[Website](#) ♦ [LinkedIn](#) ♦ [Github](#) ♦ [Gmail](#)

EDUCATION

Pandit Deendayal Energy University, Gujarat

Bachelor of Technology, Department of Computer Science and Engineering

2021 - Present

9.81 CGPA

EXPERIENCE

WAPTAB - Water Purification Treatment Association of Bharat

MERN Stack

Freelance

Gandhinagar, India

- **Full Stack** Website with seamless **PhonePe Payment Gateway Integration** (Testing mode)
- Orchestrated Automated **Email** using **EmailJS** resulting in a **50%** reduction in manual email sending and Incorporating **react-pdf** for **Certificate** generation
- Employed **SplideJS** for **Carousel**, **animate-on-scroll(AOS)** library for animation

Jr React Developer - Onsite

Triguns Pvt Limited

7 June - 7 August

Surat, India (Onsite)

- Revamped HTML website to **React**, integrated with **PHP** backend, yielding a **30%** speed enhancement.
- Worked **Collaboratively** and **Contributed** in real-life projects.

PROJECTS

YouTwix - Youtube + Twitter ([Link](#))

- Developed a Backend App, **YouTwix**, using **Express.js** and **MongoDB**, combining features of **YouTube** and **Twitter**.
- Implemented essential functionalities such as **User Account**, **User Channel**, **User Tweet**, **Video Upload**, **Playlist**, **Like**, **Subscribe**, and **Login/SignUp**.
- Successfully integrated libraries like **Multer**, **Cloudinary**, **Bcrypt**, **JWT**, and **Aggregation Pipelines**, and tested using **Postman**.

Portfolio Website([Link](#))

- Architected a website leveraging **React** with interactive animations resulting in **50%** enhanced user experience.
- Website Emphasized on UX and UI more, utilizing **Material UI**, **Tailwind CSS**, **React**, **ThreeJS**, **EmailJS**, **AOS**, and **Google Analytics**.

Invest-In - Online Shark Tank ([Link](#))

- Developed a platform connecting businesses and investors using **React.JS**, **Python Flask**, and **MySQL**.
- Utilized **TailwindCSS**, **VanillaCSS**, and **Material UI** for design.
- Integrated real-time chat with **Sockets**, profile scoring via **Web Scraping** harnessing **Selenium**, **Beautiful Soup** and Friend Request Functionality.
- Implemented **Flask-JWT** for secure login/signup, UI, dashboard, and business analytics with **Matplotlib** and **Context API**.

TECHNICAL SKILLS

Framework/Libraries: ReactJS, NextJS, NodeJS, ExpressJS, MongoDb, Flask, CSS, TailwindCSS, MUI, HTTP, **Programming Languages :** Java, Python, HTML, Javascript, SQL

Other : Mysql, REST API, OOP, Appscript, Git/Github, DSA, Design Pattern, DBMS, OS, CN

ACHIEVEMENTS

- **Led "Web Development Workshop Day 1"** by Encode, PDEU, guiding **100+** university participants through HTML basics, concluding with a todoList mini project
- Ranked in the top quartile among **75** teams in SSIP out of a total of **250**, Ingenium at Ahemdabad University