

CHINMAY DANDEKAR

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Education

Bachelor of Engineering in Computer Science

Mumbai University

CGPA - 8.64 / 10

Sep 2019 – May 2023

Mumbai, Maharashtra

Experience

Techknit Industries - Next JS Developer

Dec 2023 – Present

Stock Market Simulator | *Next Js, Tailwind CSS, AWS S3, MongoDB*

- **Spearheading** the development of stock market analysis-based games, showcasing innovation and technical proficiency.
- Implemented serverless Cron scheduling with Next.js, reducing **computation time by 40%** and cutting **operational costs by 25%**.
- Engineered a comprehensive dashboard providing administrators with **real-time insights** into **user activity** and game performance, featuring **dynamic rule** adjustments reflected **instantaneously** in the games
- Leveraged **AWS S3 bucket** for **secure** and **scalable** data storage, ensuring **robust** data management and accessibility for the applications.

Bookings Manager Web Application | *Next.js, REST APIs, MongoDB, Tailwind CSS, PDF Generation*

- Developed a complex bookings management web application for hotel operations, enabling users to create, update, and delete bookings, manage hotels, customers, managers, and hotel owners.
- Designed role-based access:
 - * *Admin/User Panel*: Manage hotels, assign managers, and configure owners with commission tracking.
 - * *Customer Portal*: Allow customers to log in, order hotel services dynamically set by users, and track payments.
- Implemented payment management system, supporting both one-time and multi-part payments, with detailed tracking and reporting features.
- Built an automated WhatsApp messaging system for sending notifications to users and customers for critical actions (e.g., bookings, check-ins/outs, and service orders).
- Enabled invoice PDF generation with automated tax calculations and state-wise GST compliance.
- Added comprehensive reporting tools for booking summaries, owner commissions, and GST reports.
- Delivered an intuitive and dynamic interface leveraging Next.js for optimized performance and user experience.

Live In Jeans - E-Commerce Website | *Next JS, Tailwind CSS*

- Developing an **E-Commerce** website for the **Live Jeans brand**, focusing on a seamless user experience.
- Integrated **modern animations** to enhance the overall **UI/UX** for a more visually appealing interface.

Technical Skills

Languages: JavaScript, TypeScript, HTML/CSS, Python, Java, C, SQL, NoSQL

Developer Tools: VS Code, Google Cloud Platform

Technologies/Frameworks: Next Js, Tailwind CSS, AWS, Razor Pay, React Js, Node Js, GitHub, Figma

Projects

Portfolio Website | *Next Js, Tailwind CSS*

September 2023

- Created a tailored portfolio website to demonstrate my proficiency in **Front-end development** and effectively convey my personal background and qualifications.
- Utilized **Next.js and Tailwind CSS** technologies, complemented by libraries such as **Framer Motion**, to craft a dynamic portfolio website with seamless animations and transitions.

Password Manager | *Python, Django, Postgre SQL*

March 2021

- Designed and developed a Password Manager application utilizing **Python** language and the **Django** framework.
- Implemented **AES algorithm** for robust encryption, ensuring secure storage of user passwords and documents on a cloud server.
- Empowered users to securely store and access their important passwords and documents from any location, providing convenience without compromising on security.

Achievements

Smart India Hackathon Grand Finalist

August 2022

- Designed an innovative mobile app enabling users to capture images of nearby water sources and analyze water quality using image processing algorithms
- Generated comprehensive water quality reports, including Water Quality Index and key parameters such as density, turbidity, and suspended solids, enhancing accessibility to vital environmental information.

Megahack 3.0 Hackathon 2nd Runner Up

April 2023

- Secured 2nd runners-up prize in Megahack 24-hour hackathon as a key member of the team
- Developed "Aqua Bot," an autonomous boat equipped with cameras and machine vision capabilities to detect and collect floating trash from its surroundings.
- Demonstrated innovation and environmental consciousness by addressing water pollution challenges through technological solutions.