

# YUG BHANUSHALI

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## Education

### Pandit Deendayal Energy University

Bachelor of Technology in Computer Science (CGPA 9.32)

July. 2021 – July 2025

Gandhinagar, Gujarat

## Experience

### Tracks and Towers Pvt Ltd

March 2024 - Current

Full Stack Developer Intern

Hybrid

- Developed scalable REST APIs using TypeScript and a custom Node.js backend, successfully integrating with Supabase (PostgreSQL) for data management, significantly enhancing data processing capabilities in an ERP software project.
- Engineered high-performance, user-friendly frontend interfaces using Next.js, Shadcn, NextAuth, Zod, and Prisma, which improved the user experience and increased system efficiency by 40 percent.
- Managed and optimized Virtual Private Servers (VPS), hosting dockerized applications and servers, which ensured 98 percent uptime and enhanced software reliability and performance.
- Implemented Continuous Integration/Continuous Deployment (CI/CD) workflows, which streamlined development and deployment processes, improving deployment efficiency by 70 percent.

### Healiom

March 2024 - May 2024

Front End Developer Intern

Remote

- Working on the development of a health portal for patients using **React.js**, **Redux**, **JavaScript**, and **Shadcn UI**.
- Collaborating with team to ensure user-friendly interfaces and high performance.
- Responsible for designing and implementing front-end components, ensuring high performance and responsiveness.

## Projects

### Event hub | React Js, Node Js, MongoDB, Express Js | [🔗](#)

January 2023

- Engineered a student event platform with secure club sign-in and intuitive event management features.
- Developed a user-friendly dashboard for clubs to update event details and implemented a card-based UI for event highlighting and seamless student registration.

### FileDrop | TypeScript, Next.js, Node.js, Socket.io, WebRTC | [🔗](#)

December 2023

- Launched open-source platform for secure file sharing using WebRTC.
- Implemented WebRTC for seamless, peer-to-peer file transfers, and real-time chat functionality, ensuring cross-platform compatibility.
- Created an interactive UI for seamless chat and file-sharing experiences.

### Code to Image | ReactJs, Styled-Components, Vercel | [🔗](#)

March 2023

- Developed "Code to Image," a [Product Hunt](#) featured product ranking 48th of the day, enabling users to create visually appealing code snippets with customizable fonts, themes, and backgrounds
- Implemented options to change programming language type, file name, and user-friendly dark and light mode features.
- Enabled users to download snippets in PNG, JPEG, and SVG formats.

## Technical Skills

**Skills:** JavaScript, TypeScript, NextJs, ReactJs, NodeJs, Prisma(ORM), MySQL, PostgreSQL, MongoDB, Firebase, WebRTC, WebSocket, Redux, Python, Java, C, Tailwind CSS, Docker, Amazon Web Services (AWS), Git, Linux, Object-oriented programming (OOPs)

**Developer Tools:** VS Code, Google Cloud Platform, Sublime Text

## Leadership / Extracurricular

### JP Morgan Code for Good Hackathon [🔗](#)

June 2024

Developer

JP Morgan, Mumbai

- Developed a multilevel role-based access web app for artisans, managers, and admins.
- Implemented dynamic dashboards and inventory management.
- Auto-generated product descriptions and modified image backgrounds using an open source ml model.

### SIH(Smart India Hackathon) [🔗](#)

Sep 2023

Developer

PDEU

- Developed **AnuvadRatna**, a web app for translating English text to regional languages without third-party APIs.
- Enabled PDF and text file uploads for document translation.