

# YUG BHANUSHALI

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🌐 [LinkedIn](#)

🐙 [Github](#)

🌐 [Website](#)

## Education

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### Pandit Deendayal Energy University

Bachelor of Technology in Computer Science (CGPA 9.32)

July, 2021 – July 2025

Gandhinagar, Gujarat

## Experience

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### Tracks and Towers Pvt Ltd

March 2024 - December 2024

Founding Engineer

Hybrid

- Designed, developed, and maintained a scalable backend for an ERP software using TypeScript and Node.js, tailored for a heavy infrastructure company to streamline workflows.
- Managed PostgreSQL database architecture, optimizing data processing and ensuring reliable performance for complex business operations.
- Dockerized all services and automated deployments with CI/CD pipelines, reducing downtime and enhancing efficiency in managing applications on Virtual Private Servers (VPS).
- Implemented server monitoring with Grafana and Prometheus, enabling real-time metric tracking and improving system reliability and troubleshooting capabilities.
- Developed intuitive, high-performance frontend interfaces using Next.js, enhancing usability and increasing operational efficiency by 40 percent.

### Healiom

March 2024 - May 2024

Front End Developer Intern

Remote

- Worked on the development of a health portal for patients using **React.js, Redux, JavaScript, and Shadcn UI, integrating GetStream SDK for chat functionality.**
- Collaborated with team to ensure user-friendly interfaces and high performance.
- Designed and implemented front-end components, ensuring high performance and responsiveness.

## Projects

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### 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.

### 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.

### 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

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**Skills:** JavaScript, TypeScript, NextJs, ReactJs, NodeJs, Prisma(ORM), MySQL, PostgreSQL, MongoDB, Firebase, WebRTC, Electron Js, 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

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### 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.