

EDUCATION

Pandit Deendayal Energy University
B.Tech in Computer Science & Engineering

Gandhinagar, India
September 2023 - Present

Gujarat Technological University
Diploma (Polytechnic) in Computer Engineering

- 8.54 CGPA

Surat, India
December 2020 - August 2023

PROJECTS

YouTube Shorts Automator

March 2024 - Present

- Developed a Website that automates YouTube Shorts based on the users' prompt and uploads them to YouTube.
 - Generated a video script, voiceover, subtitles, title, description, and tags, and fetched the background video & music.
- Technologies Used: Python, Flask, YouTube API

URL Shortener

March 2024

- Engineered a Full-stack website that generates custom or randomised short URLs that redirect to the long URL.
 - Facilitated expiration time for each shortened link. Frontend & Backend hosted at links.aryanranderiya.com
- Technologies Used: MongoDB, Express.js, React.js, Node.js, hosted using Vercel & MongoDB Atlas

TicketBus

June 2022 - June 2023

- Led a team to build a Public Transportation mobile application that streamlined travel processes, and implemented QR-based ticket booking, bus passes, e-wallets, user profiles and a comprehensive map module.
 - Won the diploma-level final-year project fair and attained the highest grade possible.
- Technologies Used: Android with Java, Firebase, Mapbox API

Portfolio

November 2023 - February 2024

- Developed a **responsive** personal portfolio website to showcase software & design projects. aryanranderiya.com
 - Implemented SEO (Search Engine Optimisation) to enable the website to appear at the top of search results.
 - Creatively implemented various smooth animations, interactive navigation, custom cursors and dynamically loaded content from the database and Github's API. Also, developed an Admin Panel to upload projects.
- Technologies Used: HTML, CSS, JavaScript, Firebase Realtime Database, Firebase Cloud Storage, Firebase Hosting

SpotifyTools

September - October 2023

- Made a Desktop Application to extend the functionality of the Spotify desktop app for my CS50 Python final project.
 - Implemented various features including playlist shuffling, viewing playlists, and displaying user details.
- Technologies Used: Python, Spotify API & Tkinter (Frontend / GUI)

TECHNICAL SKILLS

Languages: Python, Java, Android, JavaScript, HTML, CSS, SQL, Firebase, MongoDB, C

Frameworks: React.js, Node.js, Express.js, Flask

Tools: Git, Linux, JetBrains, Vercel, MongoDB Atlas, Photoshop, Blender

PROFESSIONAL EXPERIENCE

Self Employed - Graphic Design Freelancing

2019 - 2022

Portfolio: behance.net/AryanRanderiya

- Designed various projects like banners, apparel, social media headers, product mockups and advertisements while enhancing client satisfaction by exceeding expectations and delivering on-time.

PUBLICATIONS

An Analysis of Public Transportation for Bus-Based Commuting in India

February 2023

- Evaluated India's bus-based public transport system, tackling issues like congestion, emissions, and emerging trends, while envisioning a sustainable electric future for public transit. This effort culminated in achieving first place in the Diploma-level Review Paper Presentation Competition 2023.
- Published in International Journal of Innovative Science and Research Technology: [IJISRT23FEB1000](https://www.ijisrt.com/paper/IJISRT23FEB1000)