Archan Dhrangadharia

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PROFILE

I am a Computer Science and Engineering student at Parul University with a strong passion for Full Stack Web Development. I have experience building responsive, user-friendly web applications and am currently expanding my knowledge in AI and machine learning by developing small Python applications and models.

EDUCATION

Parul University   Vadodara, Gujarat
B.Tech - Computer Science and Engineering   *Sept. 2023 – May 2026*

The Maharaja Sayajirao University of Baroda   Vadodara, Gujarat
Diploma - Computer Engineering   *Nov. 2020 – May 2023*

INTERNSHIP

Software Developer Intern   May 2023 – June 2023
Mission Sustainability   *Gandhinagar, Gujarat*

- Developed a full-stack web app using Next.js, Sanity CMS and Strapi.
- Optimized **GraphQL** queries for efficient data fetching and reduced API over-fetching.
- Contributed to an algorithm which gives personalized recommendations based on several factors.

PROJECTS

Personal Blog Webapp | *Next.js, Sanity, Tailwind*   October 2024 – November 2024

- Implemented serverless routing and data fetching with SSR, SSG, ISR, and PPR
- Integrated GitHub authentication using next-auth.
- Utilized useActionState hook for dynamic form updates and submission actions.
- Optimized API requests to improve website performance through parallel data fetching.

Conversy - Chatbot Saas Platform | *Next.js, Postgres, Supabase, Drizzle, Git*   December 2024

- Developed a SaaS platform that allows businesses to integrate chatbots into their websites
- Implemented Gemini 1.5 Flash model for Retrieval-Augmented Generation (RAG).
- Created vector embeddings for files to enhance retrieval accuracy.
- Integrated Resend mail service for seamless collaborator invitations.

Portfolio website | *React, Framer, Tailwind*   March 2024

- Designed a responsive and modern portfolio using Tailwind CSS.
- Integrated email.js for contact form handling.
- Used Framer Motion for smooth scroll animations.

Open Source (Creative Commons) | *WordPress, PHP, Plugin development*   August 2024

- Update getimagesize() Function to Accept Image Paths Instead of URLs.
- Add wp-cli in docker image. Developed a custom Docker image with WP-CLI pre-installed for streamlined WordPress development.

Wigle (Fashion rental Webapp) | *Laravel, SQL*May 2023

- Built a fashion rental platform offering quick delivery and sustainable fashion solutions.
- Implemented inventory management, product filters, pincode-based selection, and a payment gateway.
- Integrated Razorpay for secure online payments.

TECHNICAL SKILLS

Languages: Javsascript, Typescript, Python, Java, C, PHP
Frameworks: ReactJS, NextJS, TailwindCSS, Laravel
Developer Tools: Docker, Git
Libraries: Pandas, NumPy, Matplotlib
Databases: MySQL, MongoDB
Tools: Linux, Figma