Parth Mital

Email: parth.mital.2004@gmail.com
Location: Vadodara, Gujarat, India
GitHub: github.com/parthmital
LinkedIn: linkedin.com/in/parthmital
Portfolio: parthmital.github.io/Portfolio

Education

Vellore Institute of Technology (VIT) Vellore, India
B.Tech in Computer Science and Engineering 2023 – 2027
CGPA: 8.66 / 10

Technical Skills

Languages: Python, JavaScript, C++, Java, C, HTML/CSS
Frameworks/Libraries: React.js, Next.js, Vite
Design Tools: Figma, Photoshop, Illustrator, Lightroom Classic
3D & Rendering: Blender, Substance Painter, Unreal Engine, RizomUV
Video & Audio: After Effects, Premiere Pro, DaVinci Resolve, Audition, Ableton Live, FL Studio

Experience

WordPress Developer Intern Hiraeth Tech, Vadodara
Jun 2025 – Jul 2025

- Delivered 3 client websites using WordPress + Elementor over 4 weeks.
- Applied HTML/CSS overrides for responsive layout and visual polish.
- Prepared visual assets via Photoshop and Topaz Photo AI: cleanup, background removal, upscaling.

Projects

AI Study Assistant (in development) — Local full-stack app that extracts structured notes from lecture PDFs using EasyOCR and LLaMA 3, with contextual YouTube fetch via yt-dlp.
Tech: Python, React.js, Vite

Spotify UX Redesign — Rebuilt Spotify's interface with live playback, theme toggles, and responsive layout. Designed in Figma.
Tech: React.js, Vite
Live: parthmital.github.io/Spotify

Portfolio Website — Personal site powered by a JSON-based CMS and dynamic theme generator. Designed in Figma and deployed via GitHub Pages.
Tech: Preact, Vite
Live: parthmital.github.io/Portfolio

Hermione's Room 3D Recreation (2023) — Scene modelled in Blender using F-Spy camera match. Textured in Substance Painter, UV-unwrapped with RizomUV.
Tools: Blender, Adobe Substance Painter, RizomUV

Research

Lead Developer — Forecasting IPL Player Performance using Regression Models
Led technical implementation of a course-assigned research paper under Prof. Manimaran A. (VIT). Engineered domain-specific features from 17 seasons of IPL data, modelled player consistency and recent form, and trained Random Forest regressors ($R^2 = 0.82$ batting) with confidence intervals. Exported predictions for 300+ players via a full data pipeline in Python.