# VRIDDHI VASHI

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## Education

**Sardar Patel Institute of Technology** <div align="right">**August 2023 – June 2027**</div>
*Bachelor of Technology in Computer Engineering*

**Barclays** <div align="right">**January 2025 – June 2027**</div>
*Minors in Banking Technology*

**Relevant Coursework:** Object Oriented Programming, Data Structures and Algorithms, Database Management Systems, Computer Networks, Computer Organization and Architecture, Python for Data Science, Statistics and Probability

## Work Experience

**Full Stack Developer Intern** <div align="right">**July 2025 – August 2025**</div>
*Studio Geneza Pvt. Ltd.* <div align="right">*Mumbai, India*</div>
- Developed a full-fledged company website using **NextJS**, delivering a modern and responsive user experience tailored to an architecture firm's branding and audience
- Built a secure, admin-only dashboard with complete **CRUD operations** for managing **projects and team members**, using **Prisma ORM**, **NeonDB**, and **NextAuth-based OAuth authentication** for access control
- Integrated **Cloudinary** for efficient high-resolution image uploads, optimizing content management
- Designed and iterated UI/UX layouts in **Figma**, ensuring visual consistency prior to development

## Projects

**ProScript** |*MERN Stack, FastAPI, TensorFlow, Gemini API, OpenAI* <div align="right">**April 2025**</div>
- Built a full-stack **Prescription Manager web application** that detects **drug interactions**, contraindications, and allergy conflicts.
- Integrated **Gemini API** for medical insights and **OpenAI OCR** to parse handwritten prescriptions and highlight dosage errors and allergy risks in real time.
- Implemented **fuzzy search** to retrieve similar patient cases and outcomes, supporting data-driven medical decisions.
- Developed a risk assessment module using **TensorFlow** for personalized treatment recommendations and precision medicine.

**RACE** | *MERN Stack, Flask, Gemini API* <div align="right">**April 2025**</div>
- Built full-stack platform that analyzes resumes using **OCR technology**, scores them with **ATS metrics**, and provides AI-driven enhancement recommendations.
- Implemented dynamic **LaTeX compilation** with **Jinja2** templating for professional resume formatting and real-time PDF export.
- Developed automated **cover letter generation** tailored to job descriptions and skills using Flask and GeminiAPI.
- Integrated a module that recommends skill-building courses when key job requirements are missing from a candidate's profile.

## Technical Skills

**Frontend**: HTML, CSS, JavaScript, ReactJS, NextJS
**Backend**: NodeJS, ExpressJS, MongoDB, MySQL, Prisma, NeonDB
**Languages**: Java, C, JavaScript, TypeScript
**Developer Tools**: Figma, VS Code, IntelliJ, Git, GitHub, Jupyter, Google Colab

## Extracurricular

**Director of Digital Communication** <div align="right">**August 2024 - May 2025**</div>
*Rotaract Club of SPIT* <div align="right">*Mumbai*</div>
- Led cross-functional team in content strategy, digital marketing, and event promotion campaigns.
- Managed social media growth strategy for multiple college events including treks and marathons.

**Mentor for School Children** <div align="right">**January 2025 - June 2025**</div>
*Abhyudaya, SPJIMR* <div align="right">*Mumbai*</div>
- Mentored underprivileged students in STEM subjects while managing administrative operations and session planning.