PRASANN PARIKH

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Experience

PDEU Innovation & Incubation Centre (PDEU-IIC), Gandhinagar, India　　　　Nov 2025 – Present
Incubation Executive

Supporting startup onboarding, grant management, incubation operations, events, stakeholder coordination, and reporting.

- Coordinating lifecycle of **20+ startups**, tracking KPIs: revenue, funding, patents, prototypes, and milestones.
- Managing **6+ government funding schemes** (NIDHI PRAYAS, NIDHI EIR, SSIP, Start-Up Gujarat, ISMC, BIRAC) including documentation, fund disbursal, and audit compliance.
- Planning and executing **10+ flagship events**, pitch days, and hackathons.
- Maintaining incubation records, dashboards, and monthly/quarterly reports for **Board & government submissions**.
- Serving as operational point of contact for **50+ stakeholders**: startups, mentors, investors, government, and internal departments.
- Overseeing day-to-day operations: coworking spaces, lab facilities, equipment utilization, and procurement.

Tezi Communications LLP, Ahmedabad, India　　　　May 2024 - September 2025
Software Engineer Intern

Tezi is a chat-based commerce platform enabling businesses to manage orders, catalogues, and customer conversations through a unified AI-driven interface.

- Delivered **125+ features** and resolved **200+ bugs** across Tezi, SmartAgent, and Kayaan ERP, significantly improving platform stability and usability.
- Co-developed the **Kayaan ERP web platform** (used by a **20+ member team**), enabling product uploads, analytics dashboards, customer segmentation, broadcasts, and streamlined order workflows.
- Enhanced **SmartAgent** for **20+ textile agencies** generating **INR 1650 Cr+ GMV**, contributing **50+ new features**, **100+ bug fixes**, and handling **100+ customer queries**.
- Improved Tezi's admin portal with reusable UI components, optimized order workflows, strengthened backend reliability, and supported both mobile and web modules.
- Conducted **25+ product demos/pitches** and contributed to requirement analysis, sales communication, and pitch decks for potential clients.
- **Tools:** React, Node.js, PostgreSQL, Supabase, AWS, Docker, GitHub, Postman

PDEU Innovation & Incubation Centre (IIC), Gandhinagar, India　　　　Feb 2023 – Feb 2024
Graphic Design Intern

PDEU IIC is a university-backed incubation centre supporting early-stage startups through mentoring, resources, and entrepreneurship programs.

- Designed and delivered **50+ visual assets** including posters, brochures, event reports, and social media content; created and edited promotional videos.
- Developed standardized 1-page startup portfolio documents for **25+ startups** summarizing products, achievements, and traction.
- Designed comprehensive reports for **15+ incubation events**, improving communication and visibility within the innovation ecosystem.
- Collaborated with **startup founders, internal teams, and incubation managers** to ensure high-quality, consistent communication materials.
- Coordinated delegations, supported pitching sessions, handled incubation-related queries, and prepared screening notes for teams.
- **Tools:** Canva, Adobe Photoshop

Education

Pandit Deendayal Energy University, Gandhinagar, India　　　　Aug 2021 – Jun 2025
Bachelor of Technology in Computer Science and Engineering　　　　*GPA: 9.07/10*

Publications

Ciphering the Modern World: A Comprehensive Analysis of DES, AES, RSA, and DHKE　　　　IEEE Xplore: April 2024

- Conducted a **comprehensive analysis** of four major cryptographic techniques **DES, AES, RSA, and DHKE** evaluating **encryption strength, key management, speed, and suitability** for modern information security.
- Explored both the **mathematical foundations and real-world applications**, providing **actionable insights** for **security professionals, researchers, and decision-makers**.
- Paper has been **read 300+ times**, highlighting its relevance and impact in the field of **modern cryptography**.

Projects

Video Chatting App   **Apr 2024**
- Developed a **real-time video calling application** aimed at students and professionals to facilitate seamless remote communication.
- Implemented **authentication and login features** along with real-time video streaming using **AgoraRTC**, ensuring secure and reliable user interactions.
- **Tech-stack:** React.js, Node.js, MongoDB, AgoraRTC

Tangy Tales   **Mar 2024**
- Developed a **restaurant order management platform** for personal use to streamline order recording and maintain customer details, including payment time, name, and phone number.
- Integrated **WhatsApp notifications** using **whatsapp-web.js** to send personalized messages to customers, enhancing engagement; improved operational efficiency and supported a footfall of **500+** customers.
- **Tech-stack:** EJS, Node.js, CSS, MongoDB

Task Manager   **Mar 2024**
- Developed a **task management application** targeted at students and professionals for organizing personal or collaborative tasks efficiently.
- Implemented **browser-based local storage** to persist task data, ensuring information is retained even when the tab is closed, providing reliable offline access and continuity.
- **Tech-stack:** React.js

URL Shortener   **Mar 2024**
- Developed a **URL shortening service** intended for students and professionals requiring quick and reliable link management for sharing and personal use.
- Built to strengthen understanding of **backend development concepts**, implementing features such as persistent storage, automatic redirects, and generation of concise shareable links.
- **Tech-stack:** Node.js, Express.js, EJS, MongoDB

Typing Game   **Mar 2024**
- Developed a browser-based typing practice application targeted toward **students and professionals** aiming to improve typing efficiency.
- Built as a foundational project to strengthen core **front-end development concepts** and implement structured features such as speed tracking, and accuracy measurements.
- **Tech-stack:** HTML, CSS, JavaScript

Story Sphere – Blogging Website   **Oct 2023**
- Developed a basic **blogging platform** designed for individuals interested in writing and sharing content through a simple and intuitive interface.
- Built as an exploratory project to gain hands-on experience in **web development fundamentals** and understand core **server–client interactions**.
- **Tech-stack:** HTML, CSS, PHP, MySQL

Designations and Responsibilities

Offbeat – Music Club of PDEU
University music club promoting performances, events, and talent development for students.

Performers' Head   **Aug 2023 – May 2024**
- Conducted **10+ performances** across college events.
- Organized **50+ auditions** to select performers.
- Participated and represented in **inter-college competitions**.

Advisor   **Aug 2024 – May 2025**
- Auditioned **75+ students** and organized college music events.
- Guided and mentored performers, ensuring smooth execution of events.
- Managed events with a total footfall of **1500+ students**.

Community Involvement

Visamo Kids Foundation, Ahmedabad **Jul 2021**

*Providing free formal K-12 education and holistic development to underprivileged yet high-potential children across Gujarat, currently supporting **87 enrolled kids**.*

Teaching Experience

− Mentored **5–10 middle-school students** in mathematics and science, using **interactive, hands-on methods** to make learning engaging and practical.
− Delivered **4–6 hours of daily sessions** for a month, incorporating **real-life examples** and a casual, student-centered approach to foster curiosity and understanding.

Volunteering Experience

− Helped create the **Annual Report (2021–22)** capturing organizational activities and impact, improving visibility and communication of initiatives.
− Designed communication materials for **fundraising and outreach**, contributing to consistent and high-quality presentation of the foundation's work.

Certifications

- The Complete Full Stack Web Development Bootcamp **Nov 2025**
- NPTEL: Understanding Incubation and Entrepreneurship **Apr 2024**
- C Programming for Beginners **May 2022**

Skills

- **Design Tools:** Canva, Adobe Photoshop
- **Tech Stack / Tools:**
  − **Programming Languages:** JavaScript, TypeScript, C, Python, Java, SQL, HTML, CSS, PHP
  − **Frontend / UI Frameworks:** React.js, Tailwind CSS, Bootstrap, Material UI, Ant design
  − **State Management / Client-side Libraries:** Zustand, Redux
  − **Backend / APIs:** Node.js, Express.js, tRPC
  − **Databases / ORMs:** MongoDB, PostgreSQL, MySQL, Supabase, Mongoose, TypeORM, Orchid ORM
  − **DevOps / Platforms / CI-CD:** AWS, Docker, GitHub Actions, Netlify, Vercel, Render
- **Interpersonal Skills:** Detail Oriented, Passionate, Resilient, Collaborative, Adaptive
- **Languages:** Gujarati, English, Hindi