Santrupt Potphode

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Education

Veermata Jijabai Technological Institute   **Aug 2023 - May 2027**
Bachelor of Technology   *Mumbai, Maharashtra*

Dr. Ambedkar College   **2020 - 2022**
Higher Secondary Education   *Nagpur, Maharashtra*

St.Xavier's High School   **2008 - 2020**
Secondary Education (10th Grade: 98.2%)   *Nagpur, Maharashtra*

Projects

HireLyze - AI-powered Hiring Platform ⌂   ***React, Express, Supabase, Google GenAI, ioredis***
- Engineered a full-stack AI-driven platform processing 1,000+ resumes and 300+ job postings, generating embeddings to match candidates with 90%+ alignment accuracy using cosine similarity.
- Developed a resume parsing pipeline supporting PDF & DOCX formats with fault-tolerant Redis-backed background job queue, improving throughput by 3 times.
- Deployed scalable serverless REST APIs on Vercel integrated with Supabase for real-time updates and authentication, ensuring 99.9% uptime.
- Designed a React dashboard visualizing resume-job compatibility scores and personalized insights, enhancing user engagement by 40%.

Evento - AI Event Management SaaS ⌂ ***Next.js, React, Convex, Clerk, shadcn/ui, Tailwind CSS, Google GenAI***
- Architected a full-stack SaaS platform for discovering and managing 100+ events with AI-generated descriptions and categories, cutting manual setup time by 60%.
- Implemented 2-step onboarding (interests + location) to drive 40% higher relevance in recommended events for users.
- Devised 2-tier (1 free + 1 paid) subscription model with role-based access for organizers and attendees.
- Blended QR-based tickets and real-time check-ins, enabling sub-5s scans and live tracking of registrations and attendance.
- Generated responsive dark UI using 20+ shadcn components and TailwindCSS, improving mobile session length by 35%.

Zync - Real-time Team Communication Platform ⌂   ***MERN Stack, Stream Chat, Clerk Auth, Inngest***
- Built a Slack-inspired platform supporting 100+ concurrent users, offering real-time chat, channels, DMs, and video calls via Stream Chat SDK.
- Integrated Clerk authentication for secure, frictionless login and Inngest background jobs for automated onboarding workflows, reducing user setup time by 70%.
- Delivered an interactive React interface ensuring cross-device responsiveness and 30% faster message rendering.

Technical Skills

Operating Systems: Linux(Mint), Mac, Windows
Languages: C++, Python, HTML/CSS, JavaScript
Libraries & Frameworks: React, Node.js, Express, Tailwind CSS, Zustand, GSAP, Three.js, shadcn/ui
Databases & Tools: MongoDB, PostgreSQL, Supabase, GitHub, Google Cloud, Clerk, Stream Chat, Vercel, Convex
Developer Tools: VS Code, Sublime Text, Google Cloud

Certifications & Achievements

Data Structures, Algorithms & Algorithmic Thinking
- **CodeChef**: 3⭐ Coder on CodeChef attaining highest rating of 1608 (Top 25%).
- **LeetCode**: Tackled more than 600 problems, reaching a peak of 1687 (Top 15% globally).
- **Codeforces**: Pupil on Codeforces. Completed over 200 challenges, peaking at 1275 (Top 60% globally).
- **Code360**: Solved more than 300 problems on Code360.

Leadership & Extracurricular Activities

Class Representative - ExTC   **Jul 2024 - Present**
Veermata Jijabai Technological Institute (VJTI)   *Mumbai, Maharashtra*

Competitive Programming (CP) Club TY Core Member   **Aug 2025 - Present**
Community of Coders (COC), VJTI   *Mumbai, Maharashtra*

Inheritence - Mentor   **Oct 2025 - Present**
Community of Coders (COC), VJTI   *Mumbai, Maharashtra*