Tejas Bhovad

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Education

- **Ramrao Adik Institute of Technology**
  Bachelors of Technology in Computer Science (CGPA: 9.71)
  Navi Mumbai, IN
  June 2022 – June 2026

Experience

- **Vigovia** — Remote
  Software Development Engineer (Intern) — *August 2025 - Present*
  - **Digital Transformation**: Led frontend development for a travel booking platform, translating Figma designs into production-ready interfaces that digitized 90% of offline operations and enhanced user engagement by 25%.
  - **Backend Architecture**: Architected RESTful API endpoints in Go following SOLID principles and integrated PostHog analytics, improving user behavior tracking accuracy by 35% and reducing booking errors by 20%.

- **Podium** — Remote
  Full Stack Engineer (Intern) — *July 2024 - August 2024*
  - **Platform Development**: Developed an online judging platform for virtual debates using the MERN stack, streamlining user experience and increasing user engagement by simplifying the judging process.
  - **Performance Optimization**: Optimized image loading through compression techniques and lazy loading scripts, which decreased page load time by 2 seconds, boosting user sign-ups during peak traffic periods.

Projects

- **RemoteUpload (File Sharing Platform)**:
  - **Secure File Transfer**: Designed RemoteUpload, a secure file-sharing platform enabling cross-device access by uploading files to S3 and using Redis to map short codes (and QR codes) to URLs, eliminating direct PC logins.
  - **User-Friendly Interface Design**: Developed a fully responsive user interface for RemoteUpload using Next.js and Shadcn/UI, resulting in a 40% increase in user engagement across both desktop and mobile platforms.

- **MC Render (3D Rendering Platform)**:
  - **Web Application Development**: Built MCRender, a high-performance web application for Minecraft player model rendering, utilizing Three.js for 3D graphics, Next.js as the React framework, and Tailwind CSS for responsive design.
  - **Scalability and Performance**: Attracted over 40,000 unique visitors and enabled 50,000+ renders, maintaining 10,000+ monthly active users, demonstrating strong community engagement and scalable platform performance.

- **OllamaUI (Local AI Model Interface)**:
  - **Desktop Application Development**: Engineered OllamaUI, an open-source Python desktop application utilizing PyQt and CSS to provide an intuitive interface for interacting with local AI models.
  - **API Simplification and Community Impact**: Abstracted complex Ollama API calls into a simple, user-friendly GUI, resulting in notable community recognition with multiple stars and forks on GitHub.

Leadership & Activities

- **Technical Competitions & Research**
  Hackathon Finalist & Published Researcher
  - **Competitive Programming Excellence**: Secured finalist position in PIWOT Imagine Hackathon (top 2% of 15,000+ participants) and earned 6th place in GDSC Hackaloud among 200+ teams.
  - **Academic Research Contribution**: Published a peer-reviewed paper in Springer's BIDA conference, contributing novel insights and gaining recognition within the academic community.

Technical Skills

Languages: Java, Python, SQL (Postgres), JavaScript, HTML/CSS, MongoDB
Frameworks: React, Node.js, Flask, FastAPI, Next.js, ShadCN, SvelteKit, Docusaurous
Developer Tools: Git, Docker, Figma, Google Cloud Platform, PostHog Analytics, Vercel, Netlify