

Education

B. TECH in Information Technology
KIT's college of Engineering, Kolhapur
2017 – 2021
CGPA: 8.80/10

Experience

VEDANITI TECHNOLOGIES

Software Developer | February 2025 – Present

- Built a responsive web platform for Panvel Panchayat Samiti (Raigad District, Maharashtra) to digitize and manage village-level survey processes.
- Developed a dynamic survey builder enabling administrators to create, assign, and manage custom forms for multiple Gram Panchayats with role-based access controls.
- Implemented features for real-time tracking of submissions, form activation/deactivation, and centralized data access.
- Streamlined survey operations across villages, replacing manual paperwork and significantly improving administrative efficiency.

TATA CONSULTANCY SERVICES

Microsoft Project | January 2022 – August 2024

- Led the end-to-end development of a unified recruitment tool by integrating three legacy systems, overseeing architecture, coding, and code reviews to ensure high-quality, maintainable output.
- Enhanced user experience by building responsive, interactive UIs and integrating Redux, React Hooks, and Axios to streamline candidate-recruiter interactions and API communication.
- Collaborated with the UX team to translate wireframes into dynamic pages, ensuring seamless feature integration and a smooth user journey.

H&M | June 2021 – December 2021

- Designed and optimized a robust order processing system for H&M, dramatically improving operational efficiency and enhancing system performance using **React** and **C#**.
- Developed **RESTful APIs** to seamlessly integrate data retrieval and insertion between the frontend and SQL databases, improving system responsiveness and scalability.
- Automated data migration workflows with **Azure Logic Apps**, eliminating manual data entry, and significantly reducing errors through integration with Excel sheets and SQL databases.
- Collaborated actively in an **Agile environment**, participating in sprint planning, leading daily stand-ups, and ensuring timely, high-quality delivery of software solutions.

Projects

Wardrobe Expansion using Inpainting and ControlNet

- Developed a workflow using ControlNet and Inpainting to virtually expand wardrobe options for given subject images.
- Integrated three core workflows: pose extraction via OpenPose, targeted masking for Inpainting, and style transfer with the Adapter model for outfit generation.
- Used ksampler for generating consistent and realistic outputs, ensuring pose consistency across transformed images.
- Applied the pipeline on images of public figures for demonstration, achieving realistic apparel modifications (e.g., adding jackets).

Skills & Abilities

Key Skills

- **Frontend Development:** React.js, JavaScript, HTML, CSS, Typescript, Coherence Design System,
- **Backend Development:** C#, RESTful APIs
- **Cloud Technologies:** Azure Logic Apps, Azure App Insights
- **Database Management:** SQL
- **Tools & Version Control:** Git, Azure DevOps,
- **Generative-AI & Visual Tools:** ComfyUI (advanced workflow design & LoRA fine-tuning)
- **Development Methodologies:** Agile, ADO Tool, JIRA
- **Testing & Optimization:** Unit Testing, Data Validation, Error Handling, SonarQube
- **UI/UX Collaboration:** Figma, Wire framing

Soft skills

- Collaboration, Problem-Solving, Communication, Adaptability, Time Management, Leadership, Attention to Detail, Client-Focused

Achievements

On-the-Spot Award

Recognized by TCS for exceptional contributions to the Microsoft recruitment tool project, highlighting leadership, innovation, and project success.