

# B V VIVEK VISHWAKARMA

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## Education

### JSS STU, Mysuru

Nov 2022 – Nov 2026

BE in Computer Science and Engineering

- GPA: 8.79/10 (as of 5th sem)
- **Coursework:** Computer Science and Engineering, Google UX Design Certification

## Skills

**Languages:** C++, Python, C, JavaScript

**Core Concepts:** DBMS, Computer Networks, OOP, Operating Systems

**Frameworks & tools:** React.js, Node.js, Express.js, MongoDB, MySQL, JWT authentication, REST API, Fast API, Git/Github

**Design & Prototyping:** Figma, Wireframing, UI/UX design

## Experience

### UI/UX Designer & Frontend Developer

Mysuru, Karnataka

Fauxigent Innovations (Internship)

December 2024 – July 2025

- Led the end-to-end design process and contributed to frontend development for **5+** real-world projects, including e-commerce, employee management system, and organizational portfolios.
- Engaged with clients to gather requirements, provide **UX insights**, and iterate designs based on feedback.
- Collaborated with cross-functional teams to apply user-centered design, improving usability and customer satisfaction by **30–50%**.
- Key projects: Designed and contributed in developing intuitive UIs and dashboards for clients including [Anand Brothers](#) [↗](#), [SK Jewellers](#) [↗](#), and [Smarthr Pro](#) [↗](#) & animated portfolios for [Fauxigent](#) [↗](#) and [Dawn Holdings](#) [↗](#).

## Activities

### Developer Student Club, JSS STU

- Played a key role in **designing and developing** the official [DSC website](#) [↗](#) featuring community initiatives, events, blog posts with a responsive and modern user interface.
- Built a responsive [Open Day Tour App](#) [↗](#) for virtual and real-time campus navigation using React.js, Tailwind CSS, and Mapbox GL JS, featuring dynamic maps, geofencing, and guided tours.

## Projects

### Cystic Fibrosis Healthcare Platform

[Cystic Fibrosis](#) [↗](#)

- A comprehensive web application that leverages machine learning and AI to help patients with cystic fibrosis manage their health. Features include automated lung X-ray analysis using PyTorch neural networks, real-time health monitoring dashboard with interactive charts, personalized dietary tracking.
- I was responsible for the designing and development of the frontend and contributed to the overall development of the project.
- Tools Used: Python, Flask, OpenCV, React.js, Tailwind CSS, Node.js Express, MongoDB, JWT

### Time Capsule - A Digital Vault for Future Memories

[Time Capsule](#) [↗](#)

- Developed a full-stack app enabling users to securely store and schedule the delivery of text, images, and videos. Integrated user authentication, media uploads, and timed content access with email reminders to boost engagement.
- Tools Used: React, Tailwind CSS, Node.js, Express, MongoDB, cron jobs, JWT, Nodemailer, Cloudinary

## Snapster - Photo Booth Web App

*Snapster* [🔗](#)

- Built a fun and interactive photo booth app with features like real-time webcam capture, creative filters, countdown timer, collage generation, and download functionality with sleek animations using framer motion.
- Tools Used: React, Tailwind CSS, HTML5 Canvas, WebRTC

## Achievements

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- Open Day Web App Contributor – Awarded for creating a campus exploration web app that improved visitor experience during the Open Day event.celebration