Sudeep Yallappa Kalapur

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# Objective

Highly motivated and enthusiastic web developer with a strong passion for building dynamic and responsive applications. Dedicated to learning and improving, with a disciplined work ethic and a problem solving mindset. Committed to delivering high quality, scalable, and maintainable software while staying updated with new tools and best practices

# Education

## Alvas Institute of Engineering and Technology 2022–2026

**Moodbidri** *B.E. in Computer Science and Engineering* **CGPA: 7.7**

## KLE Society PC Jabin Science College 2020–2022

**Hubli** *Pre-University Course (Science)* **Percentage: 71%**

## R.N.S Vidyaniketan School 2020

**Hubli** *SSLC - Secondary Education* **Percentage: 85.92%**

# Projects

## Blood Group Detection Using Fingerprint Images Ongoing

* Built a **deep learning model** to predict blood groups using **CNN-based classification**.
* Preprocessed fingerprint images using **Gabor filters** and **Minutiae-based** feature extraction techniques.
* Designed and trained a custom **Convolutional Neural Network (CNN)** for classification across major blood groups (A, B, AB, O).

## GTA VI Inspired Animated Web Experience Jul 2025

* Developed a **GTA VI-themed interactive web experience** with immersive animations and UI transitions.
* Built using **React.js** and styled with **Tailwind CSS** for a modern, responsive design.
* Implemented **GSAP timeline-based animations**, easing functions, and transform effects.
* Integrated **real-time mouse-tracked parallax animations** for enhanced user engagement.

## Responsive Portfolio Website Dec 2024

* Designed and developed an **interactive and fully responsive personal portfolio website** to showcase projects, achievements, and technical skills.
* Built using **HTML**, **CSS**, and **JavaScript** with smooth animations and dynamic content transitions.
* Implemented responsive layouts ensuring consistent performance across mobile, tablet, and desktop devices.
* Deployed on [**sudeepyk-portfolio.netlify.app**](https://sudeepyk-portfolio.netlify.app/)with optimized assets and SEO-friendly structure.

# Technologies

**Languages:** Java, C, JavaScript, MySQL

**Web Development:** HTML, CSS, SCSS, Tailwind, React, GSAP

**UI/UX Design:** Figma, Canva

**Tools:** Git, GitHub, GitHub Copilot, ChatGPT **Concepts:** OOP, DSA, Recursion, Linked Lists **Certifications**

* **TechA Web Application Development using React (Redux, Flux)** – Infosys Springboard (Oct 2024)
* **Analysis and Design of Algorithms** – CodeChef (Jul 2024)
* **Data Structures and Applications** – CodeChef (Feb 2024)

# Achievements

* Solved **100+ problems on** [**LeetCode**](https://leetcode.com/u/sudeepyk/), improving algorithmic and problem-solving skills.
* Solved **250+ problems on CodeChef**, with consistent participation in rated contests.
* Won a **Bronze Medal** in the **Pre-National Shooting Competition**, showcasing discipline, precision, and competitive excellence at a national level.

# Extracurricular Activities

* Conducted sessions for **50+ students** on AI tools for productivity through Scouts and Guides.
* Participated in a local beach cleaning drive to promote environmental sustainability.
* Engaged in multiple hackathons, applying rapid prototyping and teamwork.