Deepak S. Kumawat

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Education

• Bachelor of Technology in Computer Science and Engineering   2021-2025
  D.Y. Patil College of Engineering and Technology, Kolhapur   CGPA: 7.67/10

Experience

• Flutter Developer Intern | SIBIC   April 2024 - Dec 2024

  - Built a Flutter application for Sibic to manage visitor details, maintenance, and bills, involving planning, coding, and testing.
  - Integrated the frontend with a Java Spring Boot backend through RESTful APIs for robust data handling and secure communication.
  - Implemented the project using Flutter and GetX for efficient state management, ensuring a streamlined development process and responsive UI.

Achievements

  - **1st Prize:** At Rapidthon, a fast-paced 5-hour Hackathon, by developing a creative Flutter app to solve a challenging problem statement hosted at Government Polytechnic, Kolhapur.
  - Faced with inefficiencies from paper-based parking systems, we developed a digital module enabling vehicle registration via roll number and streamlined fine management.

Personal Projects

• Well Dine Bistro Management | GitHub

  - Developed a Flutter-based app with Firestore backend to simplify mess facility search for students in specific areas.
  - Enhanced student convenience by providing a user-friendly platform for efficient and streamlined access to mess services.

• Women Safety App | Github

  - Built a Women Safety App using Flutter and Firestore, enabling secure and real-time data handling.
  - Implemented app-to-app messaging for instant communication during emergencies, enhancing user connectivity.
  - Designed a simple, responsive UI to ensure quick access to safety features and seamless user experience.

• AI-Powered Assistive System for the Visually Impaired | Github

  - Developed an AI-Powered Assistive System to support the visually impaired with features like real-time object detection, face recognition, and text-to-speech reading.
  - Integrated currency identification, weather updates, and voice-controlled interaction for seamless daily navigation.
  - Focused on enhancing accessibility, independence, and user experience using cutting-edge AI and computer vision.
  - Deployed the system on NVIDIA Jetson Xavier NX with GPU-accelerated processing and live camera input for real-time scene analysis and audio feedback.

Technical Skills and Interests

Languages: Java, Python, Dart, SQL
Development: HTML, CSS, Flutter, MediaQuery
Developer Tools: Github, VS Code, Android Studio, Intellij IDEA
Course Work: DBMS, OOPS, Computer Network

Coding Profiles

LeetCode: 100+ Problem Solved
GeeksForGeeks: 40+ Problem Solved | 39 Institute Rank
CodingNinjas: 60+ Problem Solved

Certifications

• Android Development Virtual Internship - AICTE
• Basics of C++ - Coding Ninjas
• OOPS in Java - Coding Ninjas