

SARTHAK BHAMARE

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Dhule, Maharashtra, India

Objective

Frontend-focused software engineer passionate about crafting responsive, user-friendly interfaces using React, Next.js, and mobile-first frameworks. Eager to apply full-stack development and UX principles to meaningful projects at scale.

Summary

IT undergraduate with hands-on experience in modern frontend frameworks and cross-platform mobile development. Proficient in React.js, React Native, and building accessible, performance-optimized web apps. Committed to learning and contributing in dynamic, fast-paced environments.

Education

SVKM's Institute of Technology

Bachelor of Information Technology

2022 – 2026

CGPA: 7.2 / 10

Dhule, Maharashtra, India

Skills

Frontend: React.js, Next.js, React Native, HTML, CSS, JavaScript

Backend/Tools: Node.js, Firebase, REST APIs, Git, Figma

Soft Skills: UI/UX Design, Collaboration, Problem-Solving, Communication

Projects

Flappy Bird Game for Handicapped Users

OpenCV, Pygame

github.com/Sarthakbhamare/FlappyBird-Accessible-Control

- Built an accessible Flappy Bird game using face/head motion detection.
- Enabled hands-free control for players with disabilities.
- **Impact:** Recognized for innovative accessibility at institute showcase.

Women Safety App (AI-based)

Flutter, Python, AI APIs

- Built a mobile app to detect deepfake content using AI and send real-time alerts.
- Integrated facial recognition APIs with emergency contact system.
- **Impact:** Designed for campus deployment and safety improvement.

Railway Station Navigation App

Unity, Blender, C

- Developed 3D station navigation tool integrating interactive maps.
- Created intuitive interface for first-time travelers and tourists.
- **Impact:** Reduced navigation confusion by 40% in user tests.

Experience

Smart Logic Technologies

IoT Intern

- Built sensor-based systems using Raspberry Pi and Arduino.
- Programmed data pipelines for live sensor updates.
- **Tools:** Python, Embedded C

- Completed a sponsored mini-project to improve website performance and UX.
- Refactored frontend components and enhanced UI responsiveness.
- **Impact:** Reduced load time by 35% and improved user engagement.

Certifications

- Google Analytics Certification
- Tata Group – Data Visualization (Forage)
- Infosys Springboard – Python
- Infosys Springboard – Web Dev (HTML/CSS)

Achievements & Highlights

- Attended **ACM Winter School 2024 on Explainable AI** – explored interpretable AI and LLMs with SHAP, LIME.
- Finalist – Smart India Hackathon 2024; contributed React frontend for live dashboard.

Leadership & Activities

- Active member of ACM and ITSA – organized UI/UX and frontend coding bootcamps.
- Volunteered in tech fests and guided juniors in mobile/web hackathons.