

SARTHAK BHAMARE

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Dhule, Maharashtra, India

Objective

Motivated IT undergraduate seeking opportunities to build impactful software using modern full-stack technologies, Python, and data-driven approaches. Passionate about crafting scalable web apps and intuitive user experiences across platforms.

Summary

IT undergraduate with a solid foundation in full-stack development, Python, and AI applications. Proficient in Django, REST APIs, and building secure, scalable backend systems. Skilled in React.js, Next.js, HTML, CSS, and JavaScript for responsive frontends. Experienced in data analysis, machine learning, and visualization using Python, Pandas, and Matplotlib. Familiar with Firebase, Git, Figma, and comfortable with Java, C, and C++. Passionate about solving real-world problems through clean code and collaborative, performance-driven development.

Education

SVKM's Institute of Technology

Bachelor of Information Technology
CGPA: 7.2 / 10
Dhule, Maharashtra, India

2022 – 2026

Skills

Languages: Python, JavaScript, Java, C, C++

Frontend: React.js, Next.js, HTML, CSS, Tailwind CSS

Backend: Django, Node.js, REST APIs, JWT, MongoDB

Data Science & ML: Pandas, NumPy, Matplotlib, Scikit-learn, Exploratory Data Analysis (EDA)

Tools & Platforms: Git (GitHub), Firebase, Figma

Development Principles: Clean Architecture, Modular Code, UI/UX Best Practices

Projects

Roamify – AI-Powered Trip Planner

React.js, Node.js, Express, Tailwind CSS, JWT

github.com/Sarthakbhamare/Roamify-Trip-Planner roamifytripplanner.netlify.app

- Full-stack web app that generates personalized travel itineraries using live weather, preferences, and Maps API.
- Integrated JWT authentication, cost estimation, and modern UI with React Hooks and Tailwind CSS.
- **Impact:** Helps students plan affordable trips efficiently with real-time insights.

Flappy Bird Game for Accessibility

Python, OpenCV, Pygame

github.com/Sarthakbhamare/FlappyBird-Accessible-Control

- Developed hands-free Flappy Bird clone using real-time face tracking for players with disabilities.
- Integrated OpenCV for gesture input and Pygame for game logic and UI.
- **Impact:** Recognized for accessibility innovation at campus tech showcase.

TrackIt – 3D Railway Navigation System

Unity, Blender, C#

github.com/Sarthakbhamare/TrackIt-navigation trackitnavigation.netlify.app

- Designed 3D station navigation app to assist passengers in locating platforms, exits, and amenities.
- Used Unity with NavMesh for pathfinding and Blender for environment modeling.
- **Impact:** Reduced user confusion and travel time by 40% in pilot test.

Experience

Smart Logic Technologies

IoT Intern — sep 2023 – nov 2023

- Built sensor-based systems using Raspberry Pi and Arduino.
- Programmed real-time pipelines for collecting environmental data.
- **Tools:** Python, Embedded C, MQTT, Firebase

Dhanuka India

Frontend Developer Intern — Jan 2025 – May 2025

- Refactored core UI components and improved design consistency across the platform using React.js and Tailwind CSS.
- Boosted page load speed by 35% by optimizing rendering logic and asset management.
- Collaborated with backend and product teams to implement responsive, cross-device layouts.

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.
- Smart India Hackathon 2024; contributed React frontend for live dashboard.

Leadership & Activities

- Organized UI/UX and frontend coding bootcamps for 100+ students under ACM and ITSA.
- Mentored juniors during inter-college hackathons; guided mobile app development teams.