

SARANG GADE

Gittikhadan Chowk, Nagpur, Maharashtra - 440013

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Technical Skills

Languages: JavaScript, Node, Express, HTML, CSS, Bootstrap, Python, Java, C, PHP, MySQL

Developer Tools: VS Code, Eclipse, IntelliJ, MIT App Inventor, Postman, MongoDB

Technologies/Frameworks: Vercel, Git, GitHub, MS Power BI, Tableau, Star UML, Render

Relevant Coursework

- Web Development
- Data Structures
- Database Management
- Prompt Engineering
- OOPS
- Software Methodology
- App Development
- Operating System

Education

Shri. Ramdeobaba College of Engineering and Management

Bachelor of Technology in Electronics and Computer Science (CGPA: 9.44/10)

Aug. 2023 – Present

Nagpur, Maharashtra

Shri. Ramdeobaba College of Engineering and Management

Minor in Information Technology (Grade: AA)

Aug. 2024 – Present

Nagpur, Maharashtra

Experience

Full-stack developer Intern

April 2025 – August 2025

AARA Green Infosolutions Pvt. Ltd.

Nagpur, Maharashtra

- * **ReactJS Landing Page:** Built a responsive multi-section site showcasing services and enabling worker self-registration.
- * **Admin Panel (React, Supabase, Express):** Developed a role-based dashboard for bookings, workers, and services with REST APIs and PostgreSQL integration.
- * **Backend Services:** Implemented secure ExpressJS endpoints, authentication middleware, and optimized data flows (sub-200 ms response).
- * **Team Collaboration:** Worked in an agile startup environment, managing sprints, code reviews, and CI/CD via GitHub.

Software Lead

Sep 2025 – Present

Embedded Club, RCOEM

Nagpur, Maharashtra

Development Hackathons

Sep 2024 – Present

Frontend/Backend Developer

Maharashtra

Projects

PulseAI – Health Risk Prediction System | *Python, Flask, React, MongoDB, Gradient Boosting*

Nov 2025

- Built a full-stack ML system for maternal health risk prediction using Gradient Boosting (**86.7% accuracy, 94.5% high-risk recall**).
- Developed and integrated the end-to-end pipeline: model training, Flask API, React dashboard, and MongoDB storage.
- Deployed the application with frontend on **Vercel** and backend on **Render** for real-time cloud-based predictions.

Stampede Management System | *YOLOv8, OpenCV, Flask, Python, HTML/CSS, Multi-Cam Pipeline*

Oct 2025

- Developed a real-time surveillance system for crowd, weapon, and missing-person detection using YOLOv8, Haar Cascade, and ORB with multi-camera support.
- Achieved **90% accuracy, 28–50 FPS** inference, and **sub-100ms** alert latency across parallel video streams.
- Built a Flask backend and HTML/CSS dashboard for live detection visualization and system monitoring.

GPS and Health Monitoring System | *Node.js, JavaScript, HTML, CSS, Arduino IDE, MIT App inventor*

April 2025

- Built an ESP32-integrated system enabling real-time GPS, health, and obstacle data streaming to a Node.js backend.
- Developed a responsive web dashboard and mobile app for live tracking and audio navigation feedback.
- Handled full-stack development and deployment, including communication pipeline and UI design.

RakshaSetu – Women & Child Safety WebApp | *JavaScript, HTML, CSS, Bootstrap*

November 2024

- Developed a full-stack safety app for women and children that monitors user journeys on desolated routes.
- Implemented destination-based tracking and real-time monitoring with alert mechanisms.
- Handled both frontend and backend development.

Ben 10 Universe | *JavaScript, HTML, CSS, Bootstrap*

July 2024

- Developed an interactive fan site covering Ben 10 aliens, villains, storylines, and transformations.
- Used animation effects and themed visuals to reflect the original cartoon aesthetic.