ANAGHA BADHE

STUDENT

Third-year Computer Science student with strong problem-solving and organizational skills gained through academic projects, seeking to enhance practical experience in a reputable software development firm while contributing to impactful and scalable applications.

CONTACT

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SKILLS

- **Languages :** C, Java, Javascript, Python
- **OS :** Windows, Kali Linux
- **Web Development :** HTML, CSS, ReactJS, NodeJS, ExpressJS, Bootstrap, Git
- **Low Code Development :** PowerApps
- **Database :** MySQL, MongoDB

CERTIFICATIONS

- **Red Hat System Administration I (RH124) Certification**
  Red Hat Academy
- **Databases and SQL for Data Science with Python Certification**
  Coursera
- *Java Programming*
  Udemy

EDUCATION

B.E. Computer Science And Engineering
Shri Sant Gajanan Maharaj College Of Engineering, Shegaon | SGPA: 8.68
Nov 2022 - Present

Higher Secondary Education
Nutan Vidyalaya, Malkapur | Percentage: 90.83%
March 2020 - July 2022

Secondary Education
Madhubhau Saoji Menorial English School, Malkapur | Percentage: 93%

PROJECTS

GearCount360 (Industry Project) *(MICROSPFT POWERAPPS)*
- Automated the FAT (Factory Acceptance Testing) zone of the Air-Insulated Switchgear area at **ABB Nashik**, developing Power Apps dashboards to provide real-time tracking of over 1000 switchgears across 10 lanes, reducing manual tracking time by 90% and improving operational efficiency by 50%.
- Integrated QR code-based identification and automated space calculation, enhancing data accuracy, reducing errors by 70%, and streamlining inventory management in the testing zone.

Vinay Machinery Stores *(MERN)*
- Developed and deployed a full-stack e-commerce platform using **ReactJS, NodeJS, ExpressJS, and MongoDB**, featuring **JWT-based authentication** for 500+ users, **role-based access control**, and a responsive UI hosted on Render.
- Streamlined operations for 100+ product listings with features like detailed views, a shopping cart supporting 300+ monthly transactions, and an admin dashboard, while integrating Razorpay to ensure secure payment processing.
- Boosted sales by 20% and improved user engagement with secure password hashing (bcrypt), **RESTful APIs** for product, order, and user management, and features like product search, ratings, and reviews.

Counting Trees and Detecting Area of Orchards from a High-Resolution Satellite Image *(PYTHON)*
- Developed a model using YOLOv8 to count trees and detect orchard areas from high-resolution satellite images.
- Explored unsupervised learning (**K-means clustering**) to identify tree clusters and calculate orchard boundaries.

WORK EXPERIENCE

Friends Of Animals *FEB 2024 – OCT 2024*
Frontend Intern
- Collaborated with a team of 6 to develop a platform for 1,000+ animal lovers to share blogs, images, organize events, raise funds, and support stray animals, using **ReactJS, NodeJS, and ExpressJS**.
- Designed and implemented interactive dashboards for schools and admins to create, manage, and organize 50+ events, significantly enhancing platform functionality and user experience.
- Streamlined platform operations with secure and scalable backend architecture, improving event organization efficiency by 30% and increasing user engagement.

EXTRACURRICULAR ACTIVITIES

National Level Hackathon Winner *1ST PRIZE*
- 1st Prize at National Level Tech Tesseract Hackathon at MKSSS's Cummins College of Engineering
- Built a healthcare platform Swastha Bharat with features like a chatbot, personalized prescriptions, medication reminders, and geolocation to find nearby medical stores using HTML, CSS, and JavaScript.
- Enabled users to browse government-approved medicines, check banned drugs, and schedule appointments with healthcare professionals.

Geospatial AI Hackathon *ISRO*
- Solved the challenge of Counting Trees and Detecting the Area of Orchards from a High-Resolution Satellite Image at VNIT Nagpur organized by ISRO.

Fab Lab Academy, SSGMCE | Member *JAN 2023 – PRESENT*

Mozilla Open Source Community
Vice Chair President *AUG 2023 – JULY 2024*
Member *SEPT 2022 – AUG 2023*