PIYUSH JOSHI

 PIYUSH-JOSHI1 | Linkdin | piyushaundhekar@gamil.com | +91-7588322212 | Portfolio

Aspiring Third-year B.Tech student at GH Raisoni College of Engineering, Pune, with 15+ hackathon participations and **5 wins.** Skilled in **full-stack development** (React.js, Node.js, Java), backend (Java, Flask, Python), **DSA**, **Machine learning,** and cloud technologies(**AWS**). Proficient in **Git** and GitHub. Known for solving complex problems quickly and adapting to new technologies.

SKILLS

- **Languages :** C/C++ , Java , Javascript , Python , VBscript
- **Frameworks/Libraries :** Reactjs , Bootstrap , Nodejs , Telwind css , Git
- **Database :**   MongoDB , MySql , Firebase
- **IT Constructs :** Data Structure And Algorithms , DBMS , OS , Devops ,IOT , CN ,OOP

PROJECTS

Track - v   2024
- Analyzed a **real-time traffic monitoring** system to optimize 100% signal timings using machine learning.
- Tech Stack: Python, Flask, YOLO, OpenCV, Firebase, IoT.
- Features include **dynamic signal** adjustments based on **traffic patterns** to reduce congestion.
- Impact: Reduces daily commute time by **30%**, addressing the 3-4 hours of wasted time per commuter in Indian cities due to traffic.

GREENsprit   2024
- Integrated a platform to combat **greenwashing** by enhancing transparency.
- Tech Stack: React.js, Node.js, Express.js , Firebase, API.
- Features achieved verifying **tree planting** and **carbon offset** projects, with **real-time fraud detection** to prevent misleading claims.
- An attempt to combat the almost **9 crore** greenwashing problem in India.

Cogno-Solutions   2023
- Proposed an **AI-driven mental health** platform reducing evaluation time by 15 minutes per session.
- Tech Stack: HTML, css, Javascript , Firebase , API , Botpress **,** Webhooks .
- Features upgraded mood tracking, personalized recommendations, and **virtual therapy** sessions, chatbot.
- Impact: Helps users manage **stress, anxiety**, and depression, reaching over **100 users** in the first six months of launch

Other Projects

Tatva-Ai , Goofy , Task-Assigner , Medisync, Probot, Loan_prediction, Readmission_Hospital

WORK EXPERIENCE

BrainOvision
Java Full Stack Developer

- Developed **core banking system** using Java & MySQL (**6-week** internship, Sept-Nov 2023)
- Built user management & banking operations features including fund transfers & transaction tracking

Mycaptain
Campus Ambassador

- Served as **Campus Ambassador** for MyCaptain's HR program
- Successfully managed student outreach and program representation on campus

EDUCATION

GH RAIOSNI COLLAGE OF ENGINEERING AND MANAGEMENT, PUNE

Bachelor of Technology in Computer Engineering   **2022-2026**
Cumulative GPA : **8.37/10**
Relevant Coursework : Operating System , Algorithms , Artificial Intelligence , Machine Learning

ACHIEVEMENTS

HACKATHONS
- **INTERNATIONAL 4th RANKING** : UST-GLOBAL D3code Company , IIC(International Innovation Challenge) Jaipur
- **National** : Tantra(winner), Next-Nitch(2nd runnerup), Vishwakarma Awards 2024 (4th place), Rackathon(Winner),DIY

Certifications: Google Digital Marketing **,** TCS Communication , IBM cloud , Achievement_Drive

Awards : Honored with the **Engineering Excellence** Award for exceptional hackathon achievements.

Other : Volunteer Work - Peer Teaching **,** Hobbies- Badminton ,