MONALI BHOYAR

9156721690 | monalib909@gmail.com | linkedin.com/in/monali-bhoyar

monali-bhoyar | monalib2005 | LeetCode | CodeChef | Hackerrank

Pune, Maharashtra - 411046, India

Objective

Motivated and detail-oriented Computer engineering student with strong proficiency in full-stack development, C++, and problem-solving. Seeking an opportunity to apply technical skills and creativity to real-world projects while contributing to innovative, impactful solutions. Eager to learn, grow, and collaborate in a dynamic team environment.

Education

- **Pune Institute of Computer Technology, Pune** — *2024 – Present*
  Bachelor of Engineering in Computer — CGPA: 9.78/10
- **Shankarrao Bande College, Amravati** — *2020 – 2023*
  HSC (PCM) — Percentage: 86.66%

Projects

- **ICEI Conference** — *2024–25* [] []
  - A full-stack web application for managing academic conferences, built with the MERN stack (MongoDB, Express.js, React, Node.js). The application allows presenters to submit papers and book presentation slots, while attendees can view and register for presentations.
- **NextRound – AI Mock Interview Platform** — *2024* []
  - Built an AI-based mock interview platform that simulates technical interviews with real-time voice input and automated feedback.
  - Implemented speech recognition for candidate answers, scoring logic based on job roles, and a performance dashboard to track progress and suggestions.
  - Designed an intuitive frontend and integrated backend with authentication, session tracking, and feedback APIs using Node.js and React.

Experience

- **AWS Cloud Club PICT: Research Contributor** — *2024-25* []
  - Title: A Firefly Algorithm Optimized Hybrid Ensemble Model for Accurate Detection of Polycystic Ovarian Disease (PCOD)
  - Conducted research and co-authored a paper proposing a novel hybrid ensemble model enhanced by the Firefly Optimization Algorithm for early and accurate PCOD detection. Leveraged clinical datasets and machine learning techniques to improve diagnostic precision, with the model outperforming traditional classifiers in terms of accuracy and F1-score.

Skills

- **Programming Languages:** C, C++,Java, Python, JavaScript
- **Frameworks/Libraries:** React.js, Express.js, Node.js, Bootstrap, Tailwind CSS, Pandas
- **Databases:** MongoDB, SQL
- **Tools:** GitHub, Visual Studio Code, Figma
- **Programming Concepts:** Object-Oriented Programming (OOP), Data Structures, Algorithms

Achievements & Extracurriculars

- Solved 300+ questions across LeetCode (1600), CodeChef (1300, Global Rank <2000), and HackerRank.
- Ranked in Top 15 among 150+ participants at Hack A BIT 2024 hackathon.
- Organized Pulzion 2024 tech fest and volunteered in INC 2024 as a PICT ACM Member.
- Served as Head Girl, leading the student council and coordinating school annual events.