# Vishnu Vardhan M

Email: vishnuvardhanmnaidu@gmail.com
Mobile: +91-7892251149
LinkedIn: https://www.linkedin.com/in/vishnu-vardhan-m-50aab4248/
Github: https://github.com/vishnu7845
LeetCode: https://leetcode.com/u/Vishnu452/

## EDUCATION

- **The Oxford College Of Engineering College**  — Bengaluru, India
  *Bachelor of Engineering - Computer Science & Engineering; GPA: 8.90*  — *Nov 2021 - June 2025*
  **Courses:** *Operating Systems, Data Structures, Artificial Intelligence, Machine Learning, Computer Networks, Databases*

## SKILLS SUMMARY

- **Languages**: Python, PHP, C++, JavaScript, SQL, JAVA, C
- **Frameworks**: React, Django, Flask, NodeJS, symphony
- **Tools**: Docker, GIT, PostgreSQL, MySQL, SQLite
- **Platforms**: Linux, Mac, Windows, Arduino, AWS
- **Soft Skills**: Leadership, Event Management, Public Speaking, Time Management

## EXPERIENCE

- **Cognizant Technology Solutions** — On-Site/Hybrid
  *Trainee (Internship) / Programmer Analyst Trainee (Full-time)* — *March 2025 - Present*
  - **Drupal Development**: Built and customized Drupal themes and templates, improving website responsiveness and accessibility.
  - **REST API for Discussion Forum**: Converted Symfony & Twig based forum parts to an API-first interface.
  - **API Integration**: Integrated third-party APIs and services, increasing system interoperability and reducing manual workload.
  - **Agile Participation**: Actively participated in Agile ceremonies to contribute to project success.
  - **Website Performance Optimization**: Optimized Drupal site performance through caching strategies, lazy loading, and database query tuning, reducing average page load time.

## PROJECTS

- **CogniMatch - Skills Matching Platform**: A full-stack web application designed to streamline talent-to-project matching for managers, improving resource allocation and efficiency.
  - **Full-Stack Development**: Architected and developed a robust skills-matching platform using a **Symphony framework on PHP**, with a **MySQL backend**. This allowed employees to update their profiles and managers to view relevant skill sets.
  - **Role-Based Access & User Interface**: Designed and implemented distinct user interfaces for both employees and managers, enabling managers to list new projects and dynamically identify the best-suited team members based on their registered skills.
  - **Database and Data Flow Management**: Managed the entire data lifecycle, from user input to skill-based querying, ensuring data integrity and efficient retrieval of profiles using **XAMPP** and **Composer** for local development and dependency management.

- **Pose Correction Using Computer Vision | AI-Powered Yoga Pose Detection**: Real-time feedback system to enhance yoga practice. **Tech:** Python, Flask, MediaPipe, OpenCV, Matplotlib.
  - **Real-Time Pose Analysis**: Developed a real-time pose correction system using computer vision to analyze and provide feedback on yoga poses.
  - **Core Technology Stack**: Implemented **MediaPipe** and **OpenCV** to accurately track key body points, enabling real-time posture analysis and correction.
  - **User Interface & Feedback Loop**: Created a **Flask-based web application** that offers immediate, intuitive feedback to users, significantly improving pose accuracy and form.

- **StreamNotes | Chrome Extension for Lecture Summarization**: A browser extension designed to streamline note-taking and knowledge retention from video lectures, reducing note-taking time by up to 60%. **Tech:** Python, JavaScript, spaCy, BERT, Google & Gemini APIs.
  - **AI-Powered Lecture Summarization**: Developed a natural language processing (NLP) model using **spaCy, BERT, pandas**, and **NumPy** that achieves **75% accuracy** in converting long lectures into concise summaries.
  - **API Integration**: Collaborated with Google and Gemini APIs to refine the speech-to-text conversion process, leading to a more accurate text extraction for note-taking.

## ACHIEVEMENTS

- Won 3rd place at the Agoric Fast Hack, a national-level Web3 hackathon, winning a prize of $350.
- Earned 2nd place in a college coding competition, demonstrating strong programming skills.
- Participated in the Smart India Hackathon, a premier nationwide initiative for solving real-world challenges.

## VOLUNTEER & LEADERSHIP EXPERIENCE

- **Community Lead** — College Technical Club
  *Feb 2024 – Jan 2025* — *Bengaluru, India*
  - **Led technical and soft-skills training for over 600 students, significantly enhancing their professional readiness.**: