ABHISHEK

📱 +91-7093398106 | ✉ abhiindian38@gmail.com | Hyderabad, Telangana

in [LinkedIn](#) | ○ [GitHub](#)

Summary

I am a **tech enthusiast and passionate programmer** specializing in Computer Science, with expertise in **Java and Python**. I continuously learn **new algorithms concepts**, applying them to real-world problems through strong **problem-solving** skills. I have built **AI-powered security tools and solved 300+ DSA problems**, demonstrating my ability to develop efficient, secure systems. My **hands-on experience with AI tools like ChatGPT and GitHub Copilot** helps me optimize solutions and accelerate development.

Technical Skills

- Programming Languages : Object Oriented Programming in Java | Intermediate : Python, Javascript | **Novice** : C, PHP.
- Technologies / Frameworks : HTML5, CSS3, Bootstrap, SQL, MySql, **Novice :** Hibernate.
- Course Work Skills : OOP Concepts, DBMS, Computer Networks, Data Structures and Algorithms, Cloud Computing.
- Software Tools : VS code | Git | Github | Adobe Photoshop.

Projects Experience

- **HerboSphere** 🌿 **|** Technology used : HTML, CSS, JavaScript, ReactJS, NodeJS, MERN Stack.   **11/2024**
  - Developed a **3D virtual garden** using **ReactJS** and **ThreeJS**, showcasing over **fi2+ medicinal plants** with interactive features like rotation, zoom, and detailed insights.
  - Implemented an AI-based **Dosha assessment** using **TensorFlow**, delivering personalized health recommendations with **70% accuracy** based on Ayurvedic principles.
  - Integrated **Google Cloud Translate API**, enabling **real-time audio translations** in **3+ languages**, increasing accessibility for a diverse audience.
  - Built advanced features like guided tours, e-commerce integration, and a community forum, resulting in projected **30% improvement in user retention**.

- **Facial Emotion Detection using CNN** 🔗 **|** Technology used : Python, OpenCV, Tensorflow, CNN, Flask.   **08/2023**
  - Built a **live video streaming application** using **Flask**, capable of capturing and processing **real-time facial expressions** for emotion recognition.
  - Utilized **OpenCV** for accurate facial feature extraction and contouring, improving model input quality by **15%.**
  - Leveraged **TensorFlow** for efficient data augmentation and preprocessing, boosting the CNN model's robustness and reducing training time by **20%**.
  - Achieved a **62.7% test accuracy** on the **FER-20fi3 dataset** with a custom-designed **Convolutional Neural Network (CNN)**.
  - Delivered real-time predictions at **30 FPS**, ensuring smooth and reliable user interaction during live video stream.

- **Suno 2025 – Cinematic Music Platform** 🔗 **|** Technology used :ReactJS, Tailwind CSS, TMDB API.   **01/2025**
  - Architected a **high-fidelity cinematic music platform** using **React 18** and **TypeScript**, featuring a futuristic "Intelligence Interface" with **glassmorphism** and dynamic neon gradients
  - Engineered fluid user interactions using **Framer Motion**, implementing **staggered grid entrances** and **3D card physics**, ensuring a buttery-smooth **60 fps experience** across devices.
  - Integrated **TMDB, Spotify, and YouTube APIs** to fetch real-time movie metadata and audio previews, enabling a **global search engine** with **debounced logic** for instant content discovery.

Education

Bachelor of Technology in Computer Science 2021 - 2025
Marri Laxman Reddy Institute of Technology and Management 🔗, Hyderabad **CGPA : 8.00 /**
10.00 XIIth / Intermediate in Maths, Physics and Chemistry 2019 - 2021
Sri Chaitanya Junior Kalasala, Hyderabad **Marks : 934 / 1000**
Xth / Schooling in Maths, Science and Social 2018 - 2019
Sri Nagarjuna Vidyalaya High School, Hyderabad **GPA : 9.70 / 10.0**

Coding Platforms

- Solved **280+ problems** across **Smart Interviews** 🔗 and **HackerRank** 🔗, showcasing strong algorithmic and coding skills.
- Tackled a variety of **problem statements by solving 150+ coding questions** on the **LeetCode** 🔗 platform.
- Gained proficiency in **basic to intermediate concepts of** DSA by tackling **75+ problems** on **GeeksforGeeks** 🔗 and **InterviewBit** 🔗.

Certifications

- **Smart Coder Certification in Data Structures and Algorithms** 🔗 – Earned from **Smart Interviews**, showcasing expertise in problem-solving, algorithm design, and efficient coding practices.
- **Python Programming Essentials** 🔗 – Achieved certification from **Cisco**, demonstrating a strong foundation in Python Programming concepts and practical application skills.

Extracurricular Activities

- **National Service Scheme (NSS) Volunteer :**
  - **led** community service initiatives, including **20+ cleanliness drives** and **2 blood donation camps.**
  - **Spearheaded** awareness campaigns on social issues, reaching **multiple villages** and contributing to the welfare of underprivileged communities.
- **Outreach Team Member – Google Developer Student Club (GDSC MLRITM) :**
  - **Worked** under the Programming Lead of GDSC to **mentor 50+ students** in web, cloud, and machine learning events.
  - **Collaborated** with the core team to organize **3+ hackathons** and coding competitions, driving **engagement** and **skill development** among **200+ participants**.