

N Bharath Chowdary

AI Engineer || Software Developer

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[LinkedIn](#) | [LeetCode](#) | [GitHub](#) | [Portfolio](#)

Summary

AI Engineer with hands-on experience in developing, training, and deploying deep learning, computer vision, and NLP models into production environments. Proven track record of delivering AI-driven solutions that enhance efficiency, accuracy, and automation including a breast cancer detection system 98.78% accuracy and real-time AI assistants. Skilled in Python, TensorFlow, PyTorch, SQL, and AWS, with a strong foundation in data structures, algorithms, model optimization, and scalable deployment pipelines.

Experience

MindsNxt - Artificial Intelligence Research Assistant || 2 months ||

- Engineered a breast cancer detection model (ResNet-50) achieving 98.78% accuracy, reducing misdiagnosis risk by 15% in validation datasets.
- Developed and deployed "MedGPT" on AWS, a medical AI assistant with 97.3%+ query accuracy, enabling real-time cancer-related support.

Virtunex - Android Developer Intern || 2 months ||

- Integrated optimized Java modules to boost app response speed by 38% and user interaction time by 28%, improving overall UX and backend efficiency.

Afame Technologies - Web Developer Intern || 2 months ||

- Enhanced website responsiveness and visual performance by 15%, outpacing 120+ peers through iterative UI optimization and collaborative feature development.
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Projects

DermAI (Skin Disease Detection) || [Live](#) || May'25 - Jul'25 ||

- Created a Flask-based AI assistant web app to diagnose skin conditions from live webcam or file input, delivering instant remedies and doctor recommendations.

RekonAI (Face Recognition and Assistance) || [Code](#) || Feb'25 - Apr'25 ||

- Built a Python + OpenCV face recognition assistant with LLM integration, enabling real-time identity detection and natural voice interactions. Designed for auto-learning new faces and scalable multi-user use.

PixelSafe (Steganography) || [Live](#) || Dec'24 - Feb'25 ||

- Built a Python + Flask steganography system using LSB techniques to securely embed/extract text, images, and videos, with an OpenCV-powered backend and responsive web UI.

EduNexa || [Code](#) || Mar'24 - Nov'24 ||

- Developed an Android app enabling direct university-to-student communication, eliminating WhatsApp reliance and streamlining sharing of academic materials and announcements.
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Education

GFGC, Yadgir || BCA || Sep'22 - Jun'25 || CGPA: 8.94 ||

- Focused on AI/ML, software development, and practical learning via projects and workshops.

Don Bosco PU College || 12th || Aug'20 - Apr'22 || 90.67% ||

- Strong foundation in computer science and analytical problem-solving.
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Skills: -

Python || C, C++ || Java || SQL || HTML, CSS, JS || OpenCV || scikit-learn || Machine Learning || Deep Learning || Artificial Intelligence || Computer Vision || NLP || Image Processing || Data Preprocessing || Flask || REST APIs || Android Development || Firebase || Docker || Pipelines || MLOps || CI/CD || Git || GitHub || VS Code || PyCharm || IntelliJ || Android Studio || Postman || Pandas || NumPy || OOPS || DBMS

Certificates: - Front End ([AWS](#)) || Back End ([AWS](#)) || Back End ([Google](#)) || AI/ML ([ISRO](#))