MANASA SANJAY

CSE Student | AI/ML Full-Stack

🔗 LinkedIn

🔗 Github

CONTACT

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EDUCATION

Vivekananda Institute of
Technology, Bengaluru
Bachelor of Engineering (B.E.),
Computer Science & Engineering

Vidyaniketan PU College
Pre-University Course (PUC),
Science
Graduated: Feb 2022

Vidyaniketan Public School
Secondary School (Class 10)
Graduated: Mar 2020

SKILLS

- Programming: Python, C, JavaScript, SQL
- Web Development: HTML, CSS, React.js, Node.js
- AI/ML: Machine Learning, Deep Learning, Generative AI, Pandas, NumPy, Scikit-learn, TensorFlow/Keras
- Tools: Git, GitHub, Jupyter Notebook, VS Code, Google Colab

ABOUT ME

Motivated Computer Science Engineering student with a strong foundation in AI/ML, full-stack development, and data-driven solutions. Proven experience in real-world projects and internships demonstrates a commitment to building scalable and impactful technologies. Eager to leverage skills in AI/ML and software development to drive innovation and solve complex challenges. Passionate about pursuing opportunities that contribute to technological advancement and enhance user experiences.

INTERNSHIPS

AI Intern – Rinex (Remote | May 2025 – Present)
- Contributing to AI-based projects focused on machine learning, model optimization, and data preprocessing.
- Applying Python and deep learning frameworks to build and refine real-world AI applications.

Intern – AICTE & EY GDS (Remote | Mar 2025 – Apr 2025)
- Completed a six-week internship on IT and professional skills with an independent project under mentorship.
- Gained hands-on exposure to corporate workflows and industry best practices.

CERTIFICATIONS

- AI Skills Passport – EY & Microsoft
- Software Engineering Virtual Experience Program – JPMorgan Chase & Co (Forage)
- Data Science Foundations – Level 1 – IBM
- Data Analytics Job Simulation – Deloitte (Forage)
- GenAI 101 with Pieces – LetsUpgrade
- Generative AI Workshop – NxtWave
- Introduction to Data Science – Infosys Springboard

PROJECTS

Mind Pal (Nov 2024 – Dec 2024)
- Built a digital wellness platform with tools and resources to support mental health.
- Designed features to encourage self-care, stress management, and user engagement.

Real-Time Collaboration Tool (Apr 2025)
- Developed a MERN stack tool enabling real-time multi-user interaction.
- Optimized for scalability and performance to handle concurrent usage.

Stemify (May 2025 – Present)
- Created an AI-powered system for detecting stem diseases using deep learning + computer vision.
- Improved detection accuracy and enabled proactive interventions for sustainable farming.

First Aid Hub (Jul 2025)
- Designed a safety hub integrating AI medical support, first aid resources, and emergency alerts.
- Built for fast responses in critical situations.

Shell.ai Challenge (Jul 2025)
- Engineered an ML pipeline using LightGBM, XGBoost, CatBoost with Optuna tuning and stacking.
- Achieved a competitive leaderboard ranking through advanced feature engineering.