PATIBANDLA HEMA KRISHNARJUNA CHOWDARY
Hyderabad | Email: arjunchowdary.work@gmail.com |Phone: 8463936371| Linked-in: www.linkedin.com/in/arjunpatibandla

Objective
Seeking an opportunity to work for an organization where I can apply my skills, learn emerging technologies, and contribute to achieving organizational goals while growing professionally, fostering innovation, and delivering impactful solutions that drive business success.

Bachelor of Technology in Computer Science & Engineering [Artificial intelligence (AI) and machine learning (ML)]   Sept '2025
Vignan Institute Of Technology and Sciences (VITS), Hyderabad, India | Cumulative GPA: 7.0/10.0

Intermediate   May '2021
Sri Chaitanya Jr. College | Cumulative GPA: 8.24/10.0

Class 10, SSC Board   June '2019
Winfield High School | Cumulative GPA: 9.2/10.0

Relevant Courses
Artificial intelligence (AI) and machine learning (ML), Web Development, DBMS Reinforcement Learning, Computer Networks, DEVOPS, JAVA, Python.

Projects

Image Steganography, Mini-Project, Vignan Institute of Technology & Sciences
- Developed a Python-based Image Steganography system to securely hide and extract secret messages within digital images.
- Implemented LSB encoding/decoding algorithms to ensure data confidentiality without altering image quality.
- Tested system performance on various image formats to validate security, robustness, and imperceptibility of hidden data.

Forecasting of Forest blaze using Ensemble Learning Approach, Major-Project, Vignan Institute of Technology & Sciences
- Designed and implemented a machine learning model using ensemble techniques (Random Forest, Gradient Boosting, etc.) to predict the probability and intensity of forest fires.
- Pre-processed real-world datasets (climate and historical fire records) to enhance accuracy and reliability of predictions.
- Achieved improved forecasting performance by optimizing model parameters and evaluating with metrics like accuracy, precision, and recall.

Work Experience

UI Developer/Analyst – Vector9 – Hyderabad   August '2025 to Present
- Build responsive, high-performance UIs with HTML, CSS, JS, and frameworks.
- Work with teams to turn requirements into functional designs.
- Test, fix, and improve UI based on feedback.

Technical Skills
- **Programming & Tools:** Python, Java, C, MySQL, HTML, CSS, JavaScript, Microsoft Office.
- **UI/UX Tools:** Figma, Adobe XD, Canva (concept and wireframing).
- **Operating Systems:** Windows, Ubuntu, MacOS.
- **Other:** Web Development, DBMS, Reinforcement Learning, DevOps, Computer Networks.

Leadership & Activities
- Actively follow industry trends in AI, UI/UX, and software development.
- Lead technical presentations and team based academic projects.
- Exploring and staying up to date with current Industry trends and Latest Technologies.
- Played a Key-role in making a Photography App concept and presenting it in order to raise seed-funding.

Achievements
- Runner-up in Event Photography competition (Holi Festival).
- Awarded Certificate for App Concept Presentation at Design-Rush.
- Optimized mobile app interface, improving usability and navigation efficiency.

Certifications
- Cisco Certification (TASK) – Fundamentals of Python.
- Oracle Certification – Foundations of Java.
- Coursera – Supervised Machine Learning: Regression & Classification.
- Infosys Springboard – Fundamentals of C & Data Types.

SOFT SKILLS
Problem-Solving | Critical Thinking | Communication | Time Management | Creative Thinking