Sudeep Patil

Bengaluru, India | P: +91 7483427727 | **sudeeppatil156@gmail.com** | **LinkedIn** | **GitHub** | **LeetCode**

Computer Science undergrad (CGPA 9.28) with experience in full-stack development, machine learning, and DevOps. Built real-world projects in fake media detection and sentiment analysis; completed virtual internships with Walmart and Accenture.

EDUCATION

- **BANGALORE INSTITUTE OF TECHNOLOGY BENGALURU**
  Bachelor of Engineering in Computer Science and Engineering. **CGPA: 9.28/10.0**   Aug *2024 – Present*
- **ALVAS PU COLLEGE MANGALORE - Grade-95.5%**   *2022*

EXPERIENCE

- **Walmart Global Tech Virtual Software Engineering Experience:**   *Forage July-Aug 2025*
  Completed job simulation solving advanced technical challenges across Walmart teams. Built a custom heap data structure in Java and designed a UML diagram for a data processor. Created an ER diagram for a pet department database aligning with specified requirements.

- **Accenture Developer Virtual Experience**:   *Forage June-Aug 2025*
  Completed simulation covering the full Software Development Lifecycle and DevOps trends. Designed custom algorithms with flow diagrams and debugged Python code. Delivered a presentation comparing Agile and Waterfall methodologies.

PROJECTS

- **FAKE MEDIA DETECTION SYSTEM** (*GitHub*)   *May 2025 – Aug 2025*
  Tech Stack: Python, TensorFlow, OpenCV, Keras, Flask, HTML/CSS
  Description: Developed a deep learning-based system to detect fake media using a CNN classifier. Integrated OpenCV for video preprocessing to extract frames, trained the model on real and fake datasets, and deployed it through a Flask web interface allowing users to upload images/videos for real-time authenticity checks.

- **SENTIMENT & EMOTION DETECTION** (*GitHub*)   *Oct 2024 – Dec 2024*
  Tech Stack: Python, NLTK, scikit-learn, HTML, Jupyter Notebooks
  Description: Built a text-based sentiment analysis system capable of classifying input text into positive, neutral, or negative sentiments, and detecting specific emotions such as joy, anger, sadness, and surprise using NLTK and custom emotion lexicons. The project supports mixed emotions, addresses sarcasm vs. genuine criticism, and is designed as a self-updating ML model that adapts to evolving language usage over time.

TECHNICAL SKILLS

- **Languages**: Java, Python, C, SQL, JavaScript, HTML/CSS
- **Tools & Technologies**: Linux, Shell Scripting, DevOps, Git, AWS, Jenkins, MongoDB
- **Testing**: Junit Testing , Performance Testing
- **Core CS**: Data Structures & Algorithms, Object-Oriented Programming (OOP), DBMS, OS, CN, Cloud Computing, Software Engineering and Project Management

CERTIFICATIONS & COURSES

- **Data Structures and Algorithms** in C and C++ by Udemy.
- **Junit and Mockito**: Java unit testing and mocking frameworks by Udemy.
- **Machine Learning:** Coursera and Stanford University**.**
- **Linux** Essentials by Udemy.
- **Automation and DevOps (JNCIA-DevOps)** by Juniper Networks.