

# Sudeep S Patil

**Address:** Elisabeth-wolf-str, 6,  
cottbus - 03042  
**Email:**  
sudeep.subhashchandra.patil@gmail.com  
**Nationality:** Indian

**Phone:** 015560076538  
**Date of birth:** January 1st 2002  
**LinkedIn:** /in/sudeepspatil  
**Github:** github.com/sudeep-sp  
**Website:** sudeepspatil.me



## Professional Profile

---

Artificial Intelligence Master's student with hands-on experience in AI/ML development, including large language models and computer vision applications. Proficient in end-to-end project development, from research to implementation, with a strong foundation in Mathematics, Machine learning, and Data Science. Skilled in teamwork and independent problem-solving. Excited to apply my expertise and contribute to innovative AI solutions.

## Education

---

Apr 2024 – Present    Master of Science in Artificial Intelligence  
Brandenburgische Technische Universität  
Cottbus, Germany

Aug 2019 – Jun 2023    Bachelor of Engineering in Computer science and Engineering  
Visvesvaraya Technological University  
Belagavi, India  
8.7/10

## Work History

---

Aug to Oct 2022 &  
Jan to Mar 2023    **Data Analyst Intern**  
Contriver  
Mysuru, India

- Worked on facial emotion detection model for customer review analysis, achieving 92% accuracy.
- Awarded Best Intern of 2022 for exceptional performance and impactful contributions.
- Conducted 90+ hours of practical training sessions on web development and machine learning, mentoring over 20 trainees.
- Addressed individual trainee needs and organized feedback sessions, ensuring effective learning outcomes.

## Projects

---

2024

### Blog Generator with AI Agents

- Automated blog creation for our blogging website, saving up to 90% of a writer's time by generating fully structured blogs using a multi-agent system (Researcher, Strategist, Writer, SEO Optimizer) in seconds.
- Integrated text editor for easy customization, adding images, and posting blogs.

link: [Demo](#)

2024

### Ask-AI: Real-time Explanation Tool

- Developed a feature for our blogging website, enabling users to select unfamiliar words in blogs and instantly receive explanations using RAG-based LLMs.
- Improved blog reading by making it 30% faster and more engaging.

link: [Demo](#)

2024

### Federated Learning Simulation

- Implemented decentralized ML system to train CNN models across multiple clients without sharing data, ensuring privacy.
- Boosted training speed by 40% and reduced server load by offloading computations to client devices.

link: [Demo](#)

## Certificates

---

Deep Learning using TensorFlow

Professional Meta Back-End Developer

Foundations of Project Management

## Skills

---

### Languages

- English (B2), German (A1)

### IT-Skills

- **languages:** Python, Typescript, SQL.
- **Framework:** PyTorch, Tensorflow, FastAPI, Next.js, Tailwind, streamlit.
- **Libraris:** Pandas, Matplotlib, Numpy, Scikit-learn, CrewAI, Hugging Face, Langchain, OpenCV.

January 7th 2025

**Sudeep S Patil**