Gowtham B C
Artificial Intelligence Engineer

Relocation: Throughout Germany
Start date: 26th September
Visa: Blue Card

+49 17667460202 | bcgowtham17@gmail.com | Thereseinstrasse 15, 95028 Hof, Germany | LinkedIn

WORK EXPERIENCE (6 years in AI, Software engineer and Consulting)

Artificial Intelligence Engineer (Wissenschaft Mitarbieter)

IISYS research lab – *Hof, Bayern, Germany*   October 2021 – July 2024
Passion for idea conceptualizing, presenting, implement efficiently, optimisation, evaluating, monitoring, quality system, benchmarking, version control, written research papers findings and AI based innovative solutions.

- **Generative AI**: Collaborated with a German Management to develop a real-time mobile application that **identifies eCommerce products and customer problems in text using Generative AI classification models for quality assurance. Web scraping of Product Images, EIN (European Identification Number), User sentiments, product review and text summarisation in dashboard**.
- **Industry 4.0**: German automotive manufacturers use our deployed custom-built novel LSTM and GenAImodels, Transformers and analytics for preventive maintenance of tool wearing using **MLOps**.

Computer Vision & Machine Learning Engineer Intern,

 Livello - *Düsseldorf* **& IISYS** - *Hof, Germany*   July 2020 – September 2021
*Build diverse Computer Vision team and create CV **product development on embedded devices**.*

- **Object Detection**: For smart fridges: Creation of Data, Training model with TensorFlow, **Deployment on Azure framework, Admin Dashboard using MERNstack, communication** and coordinate demo for clients such as Aldi.

Senior Software Engineer

 CGI & Mindtree - *Bengaluru, India*   July 2017 – February 2020

- **Developed web applications dashboard for simplified User Interface and User Experience (UI and UX), site monitoring tool solutions using Sharepoint Elastic search and custom crawlers scripts which index 10000+ sites on half weekly basis and collect gigabytes of text information to our database.**
- Worked on dashboard as Full stack developer including Azure cloud infrastructure setup, cloud monitoring and custom sharepoint .Net scripts development.

LANGUAGE

- German: Good (B2)
- English: Native (C1)

EDUCATION

Hochschule Hof - *Hof, Germany*
M.Sc. in **Applied Research in Computer Science**, September 2021

PROFESSIONAL SKILLS

- **Programming languages**: Python, NodeJS, SQL, MongoDB, MLOps
- **Web programming**: AngularJS, ReactJS, TypeScript
- **Deployment:** Azure, AWS, Docker, Kubernetes
- **Other Tools**: GIT, JIRA, Scrum, Kanban
- **Modules:** TensorFlow, PyTorch, HuggingFace, TensorRT, ONNX, OpenCV, OpenVino, Pandas, NumPy, Scikit, NLTK, flask, Transformers, LLM,

CERTIFICATIONS

- Nodejs and Advanced JavaScript
- Automation & Machine Learning
- Fundamentals: Source Coding Best Practices
- Software Programming and Engineering

OTHER WORKS

Paper Publication

- **I3 Bot**: A Machine learning application-oriented chat bot for Small & Medium scale Enterprises using SAAS model as bachelor's Major project. Python Modules: NLP, Speech Recognition, Flask, XAMP stack.

Freelance Experience

- **Ghostwritten** multiple published technical AI academic papers by implementing various GEN AI, NLP (Natural language processing), Computer vision and machine learning solutions.
- **Built a end to end website including hosting, Domain name with custom payment solutions in 500 euros.**
- Technological Workshop speaker on Data analytics, Machine learning and Python.