Ankitha Bhat

Intern - Machine Learning

Machine Learning Engineer with expertise in TinyML and predictive maintenance at Siemens Technology. Proficient in TensorFlow, Python, and containerisation technologies, with a solid foundation in deep learning frameworks. Demonstrated success in developing fault detection systems. Strong academic background in Computer Science and Data Science. Seeking innovative and collaborative machine learning roles to advance AI/ML projects.

✉ ankithashridharbhat@gmail.com   📞 +91 6360080852   📍 Bengaluru

WORK EXPERIENCE

02/2025 - Present

SIEMENS TECHNOLOGY AND SERVICES Bengaluru

Intern - Machine Learning

Developing POCs for Tiny Machine Learning applications in Predictive maintenance of Self optimizing grids. Tech Stack: Tiny ML, Podman, Tensorflow, Python programming language.

03/2024 - 07/2024

HUBS

Software Developer

- Led a team of 4 to design and develop an MVP Android app using Flutter, delivering the project within 4 months and showcasing strong software design skills.
- Achieved recognition as one of the top 100 ideas at START Mahakumbh, G20 Summit 2024, demonstrating the app's potential for real-world impact.

11/2023 - 12/2023

NUCLEAR POWER CORPORATION OF INDIA

Software Engineering Intern

- Designed and developed a robust Library Management Software using HTML5, CSS, ColdFusion Markup Language, and MS SQL, reducing cataloging and check-out times by 30%.
- Collaborated with scientists and senior developers to review code written in C, enhancing network security protocols and ensuring system reliability.

EDUCATION

2025

MVJ COLLEGE OF ENGINEERING

Bachelor of Engineering

Computer Science with Data Science

| Bangalore

- GPA - 8.9/10.

SKILLS

Machine Learning   Python 3   Tensorflow   Data Science   NLP   Deep learning

Podman   Java   Docker   Data structure   SQL   Computer network

LANGUAGES

- **English** - Expert
- **German** - Beginner

PROJECTS

- Neighborhood Issue Tracker(STINC) : Developed an Android application in Flutter with PostgreSQL integration, enabling users to post and vote on local issues, fostering community engagement.

- Deep Fake Detection Model: Fine-tuned ResNet to identify forged images, achieving high accuracy in detecting subtle inconsistencies unique to deep fakes using a labeled dataset.

- Employee Management System: A Full Stack application for Employee Management system implementing simple CRUD operations built on REST API deployed on PostMan Client.

- Fault Detection in IEEE 9-Bus power system : Classified different fault types occurring in an IEEE 9-bus power system using Vision Transformers Swin Transformer and CrossViT adapted to work with non-image signal data.

- Distribyte : An AI powered Bi LSTM model for Sales demand forecasting across multiple decentralized nodes.

COURSES AND CERTIFICATIONS

- IBM Data Science Professional Certificate (Coursera)

- Elements of AI (University of Helsinki)

- Introduction to C Programming (NPTEL)

- Google Cloud Study Jams

- Supervised Machine Learning (DeepLearning.AI)

EXTRACURRICULAR

GOOGLE DEVELOPERS' STUDENT CLUB BENGALURU, Core Team Member May 2023 – Oct 2024

- Organized and delivered 10+ technical workshops and seminars, enhancing peer knowledge in emerging technologies.
- Actively contributed as a core team member to drive engagement and skill-building initiatives for 200+ participants

LINKS

Github - https://github.com/anksbhat

Linkedin - https://www.linkedin.com/in/ankitha-bhat-436611255/