MOHAMMED NIHAL

STUDENT

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SUMMARY

Engineering student specializing in Artificial Intelligence and Machine Learning at M.S. Ramaiah Institute of Technology. Proficient in architecting scalable AI systems using Python, PyTorch, and Generative AI (RAG, GANs), backed by hands-on expertise in Distributed Computing (Hadoop, Docker). Passionate about bridging the gap between theoretical research and deployable, real-world solutions.

SKILLS

Languages
- Python
- HTML, CSS, JavaScript
- SQL
- JAVA
- C

Frameworks
- PyTorch
- Hadoop
- TensorFlow
- Hugging Face

Tools
- Git
- GitHub
- MongoDB, MySQL
- Linux
- Figma

Languages Knows
- Kannada
- English
- Hindi

PROFESSIONAL EXPERIENCE

Cloud Computing - Intern | SV MindLogic   **APR 2023**
- Acquired foundational expertise in Cloud Computing infrastructure essential for deploying Machine Learning models.

Cloud Computing - Intern | AiROBOSOFT   **DEC 2023 - APR 2024**
- Acquired foundational expertise in Cloud Computing infrastructure essential for deploying Machine Learning models.

EDUCATION

Ramaiah Institute of Technology, Bengaluru, Karnataka

Bachelor of Engineering in Computer Science (AI & ML) | Pursuing | 2025 - present

Govt Polytechnic,Rabakavi Banahatti, Karnataka

Diploma in Cloud Computing & Big Data | Completed | 2024

HMM and VKR Higher Primary School, Kundapura, Karnataka

Primary and Secondary education | 2021

PROJECTS

Distributed Computing Cluster (Hadoop)
Engineered a multi-node Hadoop cluster using Master-Slave architecture.

Neuro-Symbolic Automated Education Framework
Developed a Zero-Shot framework utilizing Stable Diffusion and ControlNet.

MRI Image Restoration via GANs
Designed a Pix2Pix Generative Adversarial Network utilizing U-Net generators.

ACHIEVEMENTS AND INTERESTS

- Holding CGPA of 8.53
- Member of NSS club in RIT
- Passionate about AI/ML and Cloud development.
- Active contributor to GitHub with multiple personal projects.
- Strong interest in building scalable software for real-world impact.