

Mohammed Saif

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EDUCATION

Osmania University

Bachelor of Engineering in Computer Science; CGPA: 7.8/10

Hyderabad, India

2021 – 2025

EXPERIENCE

Rootz Communication

Machine Learning Intern

Remote

Aug 2024 – Aug 2025

- Developed Python automation scripts to streamline inventory management and purchase order processing, reducing manual workload.
- Managed DNS and hosting configurations for 3+ domains on the GoDaddy platform.
- Visualized ad campaign performance metrics (impressions, clicks, CTR) by building dashboards using the Agency Analytics Tool.

YHills

Machine Learning Engineer

Hyderabad, India

Mar 2024 – Jun 2024

- Implemented Machine Learning models using Python, specifically utilizing Random Forest and Naive Bayes classifiers.
- Conducted data preprocessing and analysis to optimize model accuracy for predictive tasks.

PROJECTS

WordSmith | Python, PyTorch, Transformers, PEFT, HuggingFace

- Developed a Generative AI model fine-tuned on the Gemma 270m architecture to generate professional emails.
- Utilized Parameter Efficient Fine-Tuning (PEFT) and HuggingFace Transformers to optimize training performance.

Automated Segregator | Python, SMTP, IMAP, Openpyxl

- Built a Python automation tool to handle inventory management and automated report generation.
- Integrated IMAP and SMTP libraries for email handling and Openpyxl for Excel file manipulation.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, SQL, HTML, CSS

Frameworks/Libraries: PyTorch, TensorFlow, Flask, Django, Scikit-learn, XGBoost, Pandas, NumPy, React.js, Node.js

Cloud & Tools: Google Cloud Platform (GCP), AWS EC2, Azure, Firebase, MongoDB, Linux, Git

CERTIFICATIONS

Scientific Computing with Python – FreeCodeCamp

Google Analytics Certification – Google

Power BI Bootcamp – LetsUpgrade