

# 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