Sahith Aitha

Graduate Student, University of Cincinnati

✉ aithash@mail.uc.edu 📞 +15133282956 📍 Cincinnati, OH in Linkedin Profile

💼 PROFESSIONAL EXPERIENCE

Application Engineer Intern
Amazon
01/2023 – 06/2023
Chennai, India

- Developed a cloud-based Java application aimed at enhancing operational excellence.
- Successfully met all project requirements within the designated timeline.
- Contributed to increased team productivity and efficiency by providing managers with a comprehensive overview of team performance through the application I developed.

Internship Letter 🔗

Intern
EduSkills Foundation
03/2022 – 05/2022
Remote

- Successfully completed Red Hat System Administration courses (RH124 and RH134), acquiring a robust understanding of Linux systems.

Summer Intern
Linux World Informatics Pvt. Ltd.
05/2021 – 08/2021
Remote

- Acquired extensive hands-on experience in machine learning and deep learning concepts, and gained practical exposure to DevOps and Linux systems.
- Developed a deep learning model providing a solution for a real-life problem, demonstrating strong practical application skills in these domains.

📁 PROJECTS

Potential High Severity Ticket Notifier
Developed during internship at Amazon
01/2023 – 06/2023

- PotentialToSev2Notifier helps the engineers to get notified with high potential tickets to improves the team performance.
- Built using AWS Lambda, S3, DynamoDB and SES to prepare and send reports to the end users periodically.
- An AWS CDK application developed using CI/CD techniques.

Optimized Analysis of Emotion Recognition through Speech Signals 🔗
Academic project
03/2023 – 05/2023

- Implementation of Deep Learning architectures like Convolutional Neural Networks and LSTM to analyze acoustic signals.

Four Character CAPTCHA Recognition model 🔗
Academic Project
06/2022 – 08/2022

- A Deep Learning model which recognizes a Four Charactered CAPTCHA to prevent the automatic malicious program attack on websites.

Project Dhruvikar
Developed during summer internship at LW Informatics
05/2021 – 08/2021

- Dhruvikar - The Student Verification System is a binary classification CNN model to verify a student entering an online class developed using deep learning in python.

🧠 SKILLS

Programming Languages
Java, Python, C, C++, SQL, HTML5+CSS, JavaScript, Shell Scripting

Technologies
Cloud Computing(AWS), Linux Administration, Deep Learning, Machine Learning, Computer Vision, Microsoft Suite 365.

🎓 EDUCATION

Master of Science in Information Technology
University of Cincinnati 🔗
Current Cumulative CGPA : 4.0 / 4.0

01/2024 – 12/2025
Cincinnati, OH,
United States

Bachelor of Technology in Information Technology
Sreenidhi Institute of Science and Technology 🔗
Cumulative CGPA : 8.78 / 10.0

08/2019 – 04/2023
Hyderabad, India

Intermediate Education
Abhyaas Junior College
Percentage : 97%

04/2017 – 06/2019
Hyderabad, India

Secondary Education
Presidency High School
Cumulative CGPA : 9.2 / 10.0

06/2004 – 04/2017
Warangal, India

📰 PUBLICATIONS

Optimized Analysis of Emotion Recognition Through Speech Signals 🔗
Proceedings of ICSCSP - 2023, Springer Lecture Notes in Networks and Systems (LNNS) series.

23/06/2023

🧩 POSITIONS AND RESPONSIBILITIES

Technical Advisory Board (TAB) Supervisor 🔗
The Robotics Club - SNIST
As a TAB supervisor, I have successfully monitored Computer Vision, Embedded Systems and Designing departments.

2022 – 2023
Hyderabad, India

Technical Advisory Board (TAB) Executive 🔗
Department of Computer Vision, The Robotics Club - SNIST
- Successfully led a team of 10 members as an executive, providing instruction on deep learning and computer vision concepts.
- Supervised and guided the team through a project, ensuring its successful completion.

2021 – 2022
Hyderabad, India