

Aakash Gunda

Summary

Motivated Internship Student working toward Computer Science degree. Hardworking and resourceful individual commended for first-rate collaboration, organizational and time management abilities. Committed to developing career path and expanding work experience.

Work History

Tata Consultancy Services - Database Administrator

05/2021 - 08/2022

- Administered, supported and monitored databases by proactively resolving database issues and maintaining servers.
- Modified databases to meet needs and goals determined during planning process.
- Wrote and maintained technical and functional specifications to document database intentions and requirements.
- Worked on MySQL Replication Topologies(Master -Slave, Master-Master).
- Performed Tuning, Capacity Planning , Troubleshoot and resolving real time Database issues.

Protrex Private Limited - Machine Learning Intern

12/2019 - 02/2020

- Created customized applications to make critical predictions, automate reasoning and decisions and calculate optimization algorithms.
- Studied new technologies to support machine learning applications.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs and enhancements.

Academic Projects

Project 1 :

Pothole Detection Using Machine Learning.

Technologies : Python, Machine learning models and Vision Tools.

Role: Team-Member.

- Potholes are one of the major reason for Indian Road accidents. The data is collected using sensors then the data is pre-processed and for the balanced data the Machine Learning Models such as Naive Bayes, KNN and Random Tree Forest are applied.
- This project almost worked on new Routes, as the accuracy of Random Tree forest is perfect as most of the time.

Project 2:

Student Dashboard.

Technologies : HTML, CSS & JavaScript.

Role : Team-Lead

- Created an Student Dashboard that helps Students to tract their progress during their academics.
- Contributed a major part during the Functionalities and Design.
- Managed Three other team members to finish prior to deadline.

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📍 Houghton, MI 49931

Portfolio & Profiles

- <https://portfolio-aakash-ak.vercel.app/>
- www.linkedin.com/in/aakash-gunda001

Skills

- HTML
- CSS
- JavaScript
- MySQL
- Python
- UI/UX
- System Administration
- Software Development
- Problem Solving
- Design and Analysis of Algorithms(DAA)
- Data Structures(DS)

Education

Expected in 04/2024

Michigan Technological University

Houghton, MI

Master of Science: Computer Science

- Continuing education in Master's in Computer Science with course work on Algorithms and Data Structures.
- Holding 3.7 GPA.
- ISA Member.

05/2021

Sathyabama Institute of Science And Technology

Chennai, India.

Bachelor of Science: Computer Science

- Awarded **Mind of Tech in HEADSTART.** (May-2020)
- Operations Lead for SIST Computer Club. (June 2019- Nov 2021)
- Executive member in Restore club. (Sept 2017- Jan 2021)
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Certifications

- Certified HTML,CSS,JavaScript W3Schools - 2020.
- Certified Python, Coursera - 2021.