AYUSH SINGH

Computer Science and Engineering Student

📞 **+91-9219064430**   @ **ayush054483@gmail.com**   🔗 **LinkedIn | GitHub**

SUMMARY

Seeking a position where I can utilize my skills and contribute to the best of my efforts to help the company grow and attain success. I want a role that helps me realize my potential by allowing me to explore different aspects of the industry.

EDUCATION

B. E. in Computer Science Engineering

Sri Venkateshwara College of Engineering

📅 08/2021 - 05/2025

Higher Secondary

DALIMSS SUNBEAM SCHOOL

📅 04/2020 - 02/2021

PROJECTS

Country Wide Ground Water Level Analysis Dashboard

A dashboard for analyzing groundwater level trends.
- Evaluated and studied groundwater levels across 28 States, 500+ Districts, and 6000+ Blocks of the past 25 years.
- Used different time series algorithms to predict trends and classify areas as Critical, Semi-Critical, or Safe.
- Helped the ministry plan resources wisely and effectively across India.

Employee Management System

An application to manage employee data in companies.
- Stored information about employees including basic information, current department, and projects.
- Enabled the storage of dependent information.

ISRO Satellite Image Mapper

A project that uses machine learning for image mapping.
- Mapped farmland regions and tree regions in satellite images using machine learning.
- Worked with infrared, red, and green channels.

Bank Management System

A banking management system for account information.
- Simulated a simple ATM system for managing bank accounts.
- Enabled users to withdraw money and check their balance.
- Leveraged Java and Swing for core logic and user interface.

KEY ACHIEVEMENTS

✨ **Problem-Solving Achievements**

Mastered problem-solving prowess by tackling and triumphing over 200+ coding challenges across various platforms.

SKILLS

Algorithms   ARIMA   AWS   CSS

Docker   Git   Github   HTML

Java   Javascript   Kali   mongo

Kubernetes   Linux   OpenCV

Machine Learning   MySQL   SQL

Python   PyTorch   react.js

Swing   Tensorflow   time series

yaml

LANGUAGES

English
Proficient
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Hindi
Native
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