

Aditya Kumar

+91 8797052233

adityakumarbgs6@gmail.com

[Portfolio](#)

SUMMARY

Motivated and results-driven Software Developer seeking a challenging position within a large organisation as a Software Development Intern or Software Development Engineer . Offering a strong foundation in software development, backend development, and project management, with a proven ability to drive efficiency, deliver successful outcomes and collaborate within cross-functional teams.

KEY COMPETENCIES

Backend Development

NodeJs & Javascript

AWS

Postman Testing

Golang

Docker

Git & Github

REST APIs & HTTP Protocol

MongoDB

Critical Thinking & Problem Solving

PROJECTS

HRMS

A Human - Resource Management SaaS tool

The Platform provides a easy and intuitive way to manage hundreds of employees using the ADMIN dashboard. The platform is designed to streamline the process by allowing Role-Based-Access-Control and full autonomy by custom Authentication and Authorization, keeping security in mind JWT-based authentication using HTTP cookies has been used. Custom mailer service has been built using BullMQ to be able to on board thousands of employees concurrently.

TECH STACK - NodeJS, Express, MongoDB, BullMQ, Nodemailer, SendGrid

Megh-Doot

A SaaS platform designed to solve the problem for IMD

This project was developed to solve the problem of reliable and quality weather data-collection for the Indian Meteorological Department. India currently needs more than 8500 local & portable weather stations, this project solves this pressing issue by using readily available sensors like ESP32 for internet connectivity and BMP280 for collecting local data. A data pipeline is setup to feed the data from the sensor to the ML model which is available through REST API. Successfully predicting the data based on local environmental conditions. This project employs , dockerized ML model , collecting data from sensors, processing data before sending to the ML model.

TECH STACK - Random Forest Classifier Model, Python, Docker, Golang, ESP32, C++, Flask

EDUCATION & CERTIFICATIONS

Bachelor of Technology

2023-27

Majors: Information Technology

JIS College of Engineering

AWS Cloud Foundations Certification

AICTE Eduskills & AWS

TECH STACK

NodeJS

Golang

Gin

Express

Docker

Postman

AWS

Vercel

React

NextJS

Appwrite

MongoDB

C++