Nischal Dinesh

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EDUCATION

Bangalore Institute Of Technology

Bachelor Of Engineering In Information Science • GPA: 8.62   Bengaluru, India • August 2019 - June 2023

WORK EXPERIENCE

Intstel Private Limited   Bengaluru, India • August 2023 - June 2024

Full Stack Developer • Full-time

- Enhanced website rendering and performance by 32%.
- Implemented and managed a headless CMS for content management, significantly simplifying future project modifications.

SKILLS

Programming Languages: Python, JavaScript, TypeScript

FrameWorks: React js, Next js, Tailwind css, Shadcn UI, FastAPI

DataBase and Hosting: MongoDB, PostgreSQL, AWS (Amazon Web Services), Vercel, Cloudflare

Others: Github, Canva, Figma

PROJECTS

Malnad Traders - Coffee & Pepper Market Center Prices   January 2024 - February 2024

- Data Collection & Storage: Implemented web scraping using Python's Scrapy module to extract data, and stored it in a relational database on AWS RDS.
- Backend & API Development: Created API endpoints using AWS Lambda and FastAPI, enabling efficient serverless operations.
- Frontend & Deployment: Developed the frontend with Next.js and deployed it using AWS Amplify for a responsive and scalable application.
- **https://www.malnadtraders.com/**

Q&A Devflow website   June 2023 - September 2023

- Developed an Q&A website, drawing inspiration from Stack Overflow but with distinct features.
- Key highlights include an intelligent recommendation system for posts, global database integration, and AIgenerated answers., sophisticated badge and reputation system, efficient views and voting mechanisms, Advanced filtering, pagination.

Crop Yield and Price Prediction Using Machine Learning   September 2022 - April 2023

Bachelor's mini project

- The aim of the project was to assist farmers and stakeholders in the farming industry in making informed decisions about crop production.
- The implementation involved cleaning and pre-processing the data on historical crop yields, prices, weather, soil conditions, market trends, and farming practices.
- Using Python's standard libraries, we trained and compared various machine learning models. Random Forest Regressor algorithm had the highest accuracy of 90% and was chosen to be the final algorithm.

AWARDS & SCHOLARSHIPS

Student project programme sponsorship   April 2023

Karnataka State Council for Science and Technology

VOLUNTEERING & LEADERSHIP

Rotaract Club   May 2022 - May 2023

Vice President   Bangalore, Karnataka

CERTIFICATIONS

Generative AI with Large Language Models   August 2023 - September 2023

Coursera