



Ayushmaan Das

Bachelor of Technology

Artificial Intelligence and Machine Learning Engineer

Software Developer, Data Analyst and Web Developer

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EDUCATION

•Sri Ramachandra Faculty of Engineering and Technology, SRIHER

2021-25

B.Tech Computer Science and Engineering (Artificial Intelligence and Machine Learning)

CGPA/Percentage: 9.89

EXPERIENCE

•Upraised (JobStop Inc.)

June 2024 - Present

Python Software Developer

Remote

– RAG Model, SaaS Architecture, Transformers, Open AI Devs, Software Development, MongoDB Backend

•RecruitNXT

February 2023 - November 2023

Python Developer and ML Intern

Remote

– Machine Learning, Natural Language Processing (NLP), Computer Vision and Web Scrapping.

– Automation and Debugging, Software testing, Containerization, Deployment and Testing.

PERSONAL PROJECTS

•Spotify Music Recommendation Engine

January 2024

Music suggestions for users based from song input or emotion detection from face through camera

– Tools & technologies used: Tensorflow, Keras, Cosine Similarity, Convulational Neural Networks, Steamlit

– Emotion Detection deep learning architecture was custom designed, alongside normal song recommendation.

•Named Entity Recognition from Resumes and Summarising Resumes

June 2023

Automating the process of Hiring, Shortlisting and filtering candidates

– Tools & technologies used: SpaCy, Docanno, Gradio, Fast API, MongoDB Atlas, NLP

– Recognizing essential entities and information from the resumes by custom building model from scratch.

•ANPR with Live Dashboard, Database and Chat bot

February 2023

A convinient platform to manage vehicular traffic movement and tracking

– Tools & technologies used: Tensorflow, Keras, Power BI, PandasAI, Sheets API, Flask, Streamlit, Deep Learning

– Detecting number, storing them and connecting Live Dashboard alongside Chat bot implementation.

•Streaming Highway Traffic Alerts using Twitter API

July 2022

An application to know about city-traffic from updates through Twitter API

– Tools & technologies used: Scikit-Learn, Streamlit, Twitter API, Machine Learning Classification, NLP

– Machine-Learning application classifies and enables the users to fetch traffic-related tweets from Twitter API.

•Other Projects

2021- 2024

Multiple other projects covering variety of domains throughout the course curriculum

– Tools & technologies used: Tableau, Flask, Streamlit, Web Development (Angular, Node JS, Express JS), AWS

– Football Season Data Analytics Dashboard, Personal Portfolio Website, Offside Jerseys Front-end Website

SKILLS AND INTERESTS

Programming Languages: Python (90%), C (40%), C++ (50%), Java (70%), JavaScript (40%)

Tools and Technologies: Tensorflow, Keras, PyTorch, Scikit-Learn, OpenCV, Hugging Face, SpaCy

Frameworks: Flask, Streamlit, FastAPI, Gradio, ExpressJS, Angular

Cloud/Databases: MySQL, Postgres SQL, Mongo DB, Amazon Web Services (AWS), Azure Dev Ops

Soft Skills: Communication, Problem Solving, Critical Thinking, Time Management, Curiosity, Leadership, Creativity

Other Techs: Tableau , Power BI, Docker, Git, GitHub, Postman, Linux, Visual Studio,

Areas of Interest: Machine Learning, Deep Learning, Natural Language Processing, Data Analytics and Visualization, Computer Vision, Artificial Intelligence, Database Management, Web Development Automation & Testing

Linguistics: English (Conversational, Read and Write), Hindi and Bengali (Native, Bilingual, Read and Write)

ACHIEVEMENTS

•Research Day Winner (2024) Best presenting a project idea, with implementation

2024

•Founder Chancellor Cash Award (SRIHER) Winner for excellent academic performance

2023

•Book Chapter in Advancement of Data Processing Methods for Artificial & Computing Intelligence

2022