KONA ANAND

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SUMMARY

Dedicated Computer Science student with hands-on experience in machine learning projects and a published book chapter in related domains. Proficient in Python, SQL, and web development technologies, with a strong passion for software development, problem-solving, and continuous skill enhancement in a dynamic work environment.

EXPERIENCE

Python Full Stack Developer Virtual Internship   **April 2025 - June 2025**
- Gained hands-on experience in developing full-stack web applications using Python, Django/Flask, HTML, CSS, JavaScript, and databases.
- Providing hands-on training in end-to-end web application development.

Generate AI Virtual Internship

Google   **July 2024 - Sept 2024**
- Gained practical experience in Generative AI concepts, including prompt engineering, model interaction, and AI-powered application development.
- Worked with Python and AI frameworks/API**s** to design, test, and optimize intelligent solutions for real-world use cases.

AI-ML Virtual Internship

AICTE   **Sept 2023-Nov 2023**
- Contributed to building and tuning machine learning algorithms and artificial intelligence workflows using Python and Scikit-learn.
- Developed data preprocessing pipelines to clean and structure raw datasets, facilitating more accurate model training and validation for ongoing AI projects.

AWS Virtual Internship

AICTE   **Dec 2022 - Feb 2023**
- Hands-on experience with AWS services such as EC2 (compute), S3 (storage), RDS (databases), and IAM (identity management).
- Cloud architecture design for scalable and secure applications.
- Deployment and management of web applications using AWS infrastructure.

PROJECT

Personal Portfolio Website
- Built and deployed a responsive portfolio website utilizing HTML5, CSS3, and JavaScript to display web development projects.
- Feature clean design, interactive elements, and highlights both front-end and back-end technologies.

Loan-Approval System
- Developed a machine learning model for loan-approval System by Training and evaluating the model on historical datausing Python.
- Implemented automated decision workflows that accelerated application processing times, integrated robust risk assessment criteria, and supported regulatory compliance initiatives.

Transport Demand Prediction System
- Developed and deployed a transport demand forecasting system by utilizing Random Forest regression with cross-validation, leveraging Python and Scikit-learn.
- Executed comprehensive data cleaning and preprocessing workflows with Pandas and NumPy to reform raw transportation datasets for model readiness.
- Utilized feature exploration and visualization strategies with Matplotlib and Seaborn to uncover significant relationships within transport demand data.
- Applied Random Forest with cross-validation techniques using Scikit-learn and TensorFlow in transport demand forecasting models..

EDUCATION

B.Tech in Computer Science Engineering

Dadi Institute of Engineering and Technology • May 2025 • 8.29 CGPA

Board of Intermediate Education

Sri Chaitanya Junior College • India • June 2021 • 92%

SSC

Sri Bhavani Vidya Niketan School • India • 9.5

CERTIFICATIONS

Python for Data Science
IBM

SQL
IBM

HTML & CSS
Infosys Spring Board

Azure Fundamentals
Microsoft

JavaScript
edX

SKILLS

Python, JavaScript, React(Basics)

HTML5, CSS3

SQL, Git, GitHub

MS Excel, MS Word, Power BI(Basics)

Problem Solving, Strategic Thinking and Data-driven decision making