BHANUPRASADH SANTRA

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SUMMARY

I am a dedicated 4th-year, B-Tech student in Computer Science and Engineering with a strong interest in Python, DevOps, and Machine Learning. I am passionate about leveraging these technologies to solve complex problems and drive innovation. My academic background, combined with practical experience, has equipped me with a solid foundation in software development and system operations.

EDUCATION

Bachelor of Technology in Computer Science   2021 – 2025
Kakinada Institute of Engineering and Technology   Kakinada, India
  Am progressing my CGPA above 7.5 through learning new skills.
  Relevant Coursework: DSA , DBMS , Computer Networks , Operating Systems

TECHNICAL SKILLS

Languages — Python, YAML , SQL

Frameworks — Terraform , Flask , Ansible , Django , Kubernetes , Jupyter Notebook

Tools — Linux , Git , Docker , Jenkins , Prometheus , PostgreSQL , TensorFlow , PyTorch

Certifications — Foundations of Modern Machine Learning by IIIT-H with grade-A– August 2022

EXPERIENCE

Internship Studio, India: Machine Learning Intern   2024 – present
- Developed a machine learning model to predict YouTube ad view counts using metrics like views, likes, comments, and video duration, implementing various regression models and neural networks with Python and Kera's.

CodersCave, India: Data Science Intern   2024 – present
- Leveraged social media data analytics to develop actionable insights for improved social media strategies.
- Focused on analyzing social media data to identify user behavior patterns and engagement trends

PROJECTS

Diamond Price Prediction ✎   Jun 2024
Developed a predictive model for diamond pricing.
- Implemented data preprocessing techniques, including handling missing values and feature engineering (Pandas, NumPy)
- Developed and trained regression models to predict diamond prices based on various features (Scikit-learn).

Time Series Analysis on Historical Stock Prices Data ✎   Jun 2024
Collaborated in a team of three to analyze and forecast historical stock prices .
- Performed data preprocessing, including handling missing data and normalization (Pandas, NumPy)
- Evaluated modelperformanceusingvarious metrics and fine-tuned hyperparameters (Scikit-learn, GridSearchCV)
- Ensured compliance with data privacy and security regulations throughout the project lifecycle.

Credit Card Fraud Detection ✎   Jul 2024
Collaborated in a team of four to develop a machine learning model for detecting credit card fraud.
- Implemented data preprocessing techniques, including feature scaling and encoding (Pandas, NumPy)
- Evaluated modelperformanceusingvarious metrics and fine-tuned hyperparameters (Scikit-learn, GridSearchCV)
- Ensured compliance with data privacy and security regulations throughout the project lifecycle.

VOLUNTEER EXPERIENCE

FMML Mentor at KIET   Aug 2023 – May 2024
Mentoring students at KIET College.
- Mentored students at KIET College in Machine Learning, providing guidance on projects, clarifying concepts, and supporting their learning journey through workshops and one-on-one sessions