KOVURU LAKSHMAIAH

LINKEDIN | mysite.com | kovurulakshmaiah0@gmail.com | +7794881496

Summary

Experienced in Python, with a solid foundation in supervised and unsupervised learning, deep learning, and reinforcement learning techniques. Skilled in building robust end-to-end data pipelines, from data collection, preprocessing, and feature engineering to model deployment and monitoring. Proficient in machine learning libraries such as Scikit-learn, TensorFlow, and Keras, and familiar with natural language processing (NLP) and computer vision projects.

Currently pursuing a [B.Tech] in [Computer Science and Engineering], complemented by certifications in machine learning and deep learning. Enthusiastic about working on AI-driven projects in domains such as predictive analytics, recommendation systems, and automation.

Projects

Portfolioo Link to GIT

• Objective: Developed a personal portfolio website to showcase my projects, skills, and professional achievements in a visually appealing format.
• Design: Crafted a clean, modern layout using HTML5 for structure and CSS3 for styling, ensuring a responsive design that adapts seamlessly across various devices and screen sizes.
• Features:
- Integrated interactive navigation menus for easy access to different sections.
- Implemented smooth scrolling effects to enhance user experience.
- Featured project showcases with hover animations and a contact form for inquiries.
- Customized typography and color schemes to reflect a professional yet modern aesthetic.
• Technologies: Utilized HTML5 for semantic structure, CSS3 for styling (including Flexbox and Grid layouts), and basic JavaScript for interactivity.
• Responsiveness: Ensured cross-browser compatibility and mobile responsiveness for an optimal viewing experience.

Employment burnOut analysis

• Objective: Developed a machine learning model to analyze and predict employee burnout based on stress levels, work-life balance, and job satisfaction metrics.
• Design: Collected and processed data from employee surveys and performance metrics, focusing on burnout indicators such as fatigue, job satisfaction, and stress levels.
• Features:
- Implemented various machine learning algorithms (e.g., logistic regression, decision trees) to predict burnout.
- Optimized the model for performance using accuracy and recall metrics.
- Generated actionable insights for employers to mitigate employee burnout.
- Suggested recommendations such as flexible working hours and mental health support based on predictive analysis.
• Technologies: Utilized Python for data processing, Pandas for data manipulation, Scikit-learn for machine learning model development, and Matplotlib for data visualization.
• Performance: Achieved a prediction accuracy of 90 - 91, providing reliable insights to improve employee well-being.

Education

2022 - 2026	Bachelor's Degree at **JNTU College of Engineering Pulivendula**	(GPA: 8.1/10.0)
2022	Class 12th **Sri Chaithanya Junior College**	(Marks: 979/1000)
2020	Class 10th **ZPHS Ammavaripalem**	(Marks: 598/600)

Skills

Technical Skills
- Version Control: Git and GitHub for source code management.
- Statistical Analysis: A solid understanding of statistics and probability.
- Database Management: NoSQL databases like MongoDB or Firebase.
- Data Ethics: Understanding ethical considerations in AI and data privacy.
- Reinforcement Learning: Basics of RL algorithms and frameworks like OpenAI Gym..

Soft Skills
- Curiosity and Continuous Learning: A passion for keeping up with the latest trends
- Presentation Skills: Ability to present findings clearly to technical and non-technical stakeholders.
- Project Management: Basic understanding of Agile methodologies.
- Interpersonal Skills: Building rapport and maintaining professional relationships with colleagues and stakeholders.