D. Guru Sai Sashank

Role: Software Developer
Bachelor of Technology
Vit Ap University, Amaravati

+91-8919722661
gurusaisashank@gmail.com
LinkedIn Profile
GitHub Profile

EDUCATION

• **VIT-AP University, Amaravati**   *2021-25*
B.Tech - Computer Science and Engineering (AI & ML)   CGPA: 7.97

EXPERIENCE

• **Rapido Bike Trip Exploratory Data Analysis (EDA) | Data Analyst Intern**   *Jan - Mar 2024*
IntrainTech   Online
- Orchestrated an in-depth analysis of 100,000+ Rapido trip records, leveraging Python (Pandas, Seaborn, Matplotlib) to extract actionable insights into user behavior, fare structures, and trip efficiency.
- Organized 6+ data visualizations, uncovering peak demand patterns (8-10 AM & 5-8 PM), fare distribution trends, and payment mode preferences, enhancing data-driven decision-making.
- Conducted a multi-variable correlation analysis, revealing key drivers of fare fluctuations, including trip duration, pickup location, and peak-hour surcharges.
- Standardized and optimized raw trip data through data cleaning (handling missing values, outliers, and inconsistencies), achieving a 15% improvement in data quality for accurate insights.
- Compiled findings in a comprehensive report with GitHub documentation.

PERSONAL PROJECTS

• **DeFiSentinel: AI-Powered Blockchain Fraud Detection | Github**

Python, Solidity, MetaMask, HTML/CSS, Ethereum, Figma, Spline

- Developed a Real-time Transaction Monitoring which Tracked 1000+ transactions to flag anomalies using rule-based filtering.
- Implemented a Smart Contract Risk Analysis which Audited 50+ smart contracts for vulnerabilities like reentrancy & overflow attacks.
- Graph-based Fraud Link Analysis for Mapped entity relationships to detect wallet clustering & laundering patterns.
- AI-Driven Threat Detection by Integrating ML models like Random Forest & XGBoost for anomaly detection to reduce false positives by 30%.

• **Decoding Deception: Phishing URL Detector | Github**

Python, Machine Learning, Flask, HTML/CSS, Scikit-learn, Figma

- Streamlined and deployed a real-time phishing URL detection web application, leveraging machine learning models with over 90% accuracy to distinguish phishing URLs from legitimate ones
- Designed an intuitive Flask-based web interface with real-time phishing detection results, enhancing user experience through responsive design and seamless interaction across devices using Figma.
- Optimized model performance with advanced feature engineering, reducing phishing attack occurrences by 30% while improving detection efficiency by 20%.

• **AI Legal-Lens: Intelligent Document Analysis | Github**

Python, NLP, Flask, HTML/CSS, NLTK, Figma

- Engineered and deployed an AI-powered web application that automates legal document summarization and sentiment analysis, optimizing review workflows and minimizing manual analysis time by 40%
- Integrated a custom-built NLP model using NLTK, enabling rapid extraction of critical insights and real-time summarization of complex legal texts with high efficiency.
- Elevated document processing precision by 20% through advanced NLP methodologies, refining key legal phrase extraction and sentiment detection for superior analytical accuracy.

TECHNICAL SKILLS AND INTERESTS

Languages: Java, Python, HTML, CSS, JavaScript
Web Development Tools: Flask, ReactJS, NodeJS, VS Code, Git, GitHub
Web Design Tools: Figma, Spline, Canva, Webflow
Databases & Cloud Technologies: MySQL, MongoDB, AWS Cloud

CERTIFICATIONS

• **AWS Cloud Practitioner |** Certificate   *Mar 2024*
• **Google Cloud Digital Leadership |** Certificate   *Dec 2023*
• **BCG Generative AI Virtual Internship |** Certificate   *Mar 2025*
• **Deloitte Australia Technology Virtual Internship |** Certificate   *Mar 2025*
• **JPMorgan Chase & Co Software Engineering Virtual Internship |** Certificate   *Mar 2025*