JAHNAVI DARISETTI

Saint Louis, MO | +1 (314) 760-4771 | darisettijahnavi@gmail.com

linkedin.com/in/darisettijahnavi0515/

SUMMARY

Results-driven Software & ML Engineer with experience leading open-source teams, building full-stack applications, and deploying scalable machine learning models. Strong in Python, Java, DevOps, and cloud technologies, delivering maintainable, production-ready systems. Master's student (GPA 3.84) seeking full-time roles in Software Engineering, Machine Learning, or Full-Stack Development.

EDUCATION

Saint Louis University, Saint Louis, MO

M.S. Computer Science | Aug 2024 – Present | GPA: 3.84

PROFESSIONAL EXPERIENCE

Open Source with SLU – Tech Lead | Saint Louis, MO | Aug 2025 – Present

- Lead a team of 3 developers to deliver 12+ features across multiple sprints.
- Designed review/testing workflows that reduced defects and improved maintainability.

Open Source with SLU – Full-Stack Developer | Saint Louis, MO | May 2025 – Jun 2025

- Integrated Rerum write-server APIs enabling secure JSON certificate storage for global access.
- Contributed to a donation platform with certificate generation and CI/CD automation.

Null Class – Data Science Intern | Remote | Jan 2024 – Apr 2024

- Cleaned and processed multi-source datasets to support ML model development.
- Implemented and evaluated ML algorithms to boost predictive performance.

Internship Studio - Data Analytics Intern | Remote | Aug 2023 – Dec 2023

- Analyzed and cleaned datasets using Excel, SQL, and Python to extract insights.
- Built dashboards and reports using Power BI/Tableau for data visualization.

Imaje Technologies – Web Development Intern | Chennai | Jun 2023 – Jul 2023

- Built a responsive web platform using HTML, CSS, Bootstrap, increasing engagement by 30%.
- Conducted usability testing to refine UI and improve workflow efficiency.

Solar Secure Solutions – Full-Stack Intern | Remote | May 2022 – Jul 2022

- Developed and debugged features for an e-commerce food ordering platform.
- Improved UI components and backend logic to enhance overall user flow.

PROJECTS

IPL Data Analysis (PySpark | Databricks | AWS S3) | Aug 2025 – Dec 2025

- Built a PySpark pipeline on Databricks to process IPL data from AWS S3 and analyze player and team performance.
- Created predictive models and visualizations, automating data ingestion to enable near real-time analytics.

Material Donor & Mutual Assist | May 2025 – Jun 2025

- Built core features for a donation platform with certificate generation and Rerum integration.
- Created CI/CD pipeline using GitHub Actions & Docker to streamline deployments.

Warfarin Dosage Prediction (ML Model) | Mar 2025 – May 2025

- Engineered an ML pipeline using Random Forest, Logistic Regression, SVM, and CNN.
- Deployed model on HuggingFace with real-time inference APIs.

Alzheimer's Disease Detection (ML Model) | Nov 2023 – Apr 2024

- Built a predictive model using Scikit-Learn achieving **85% accuracy**.
- Performed preprocessing, feature engineering, and evaluation.

SKILLS

Languages: Python, Java, JavaScript, SQL, HTML, CSS

Frameworks/Tools: Flask, Bootstrap, Git, Docker, GitHub Actions, Linux

Machine Learning: Scikit-Learn, Pandas, NumPy, HuggingFace, Model Evaluation

Software/DevOps: CI/CD Pipelines, Agile, SDLC, Testing & Debugging

Databases/Cloud: MongoDB, PostgreSQL, Azure, Pyspark, Databricks, AWS S3 bucket, Tableau, PowerBI

Other: Data Analysis, Visualization, Problem Solving, Collaboration, Project Management

COURSES & CERTIFICATIONS

Data Analytics and Visualization, Accenture North America – Forage	Jan 2024
Python for Data Science, Great Learning	Oct 2023
Data Science Foundations, Great Learning	Sep 2023
Google Data Analytics Professional Certificate, Coursera	Aug 2023
Python Pro Bootcamp, Coursera	Mar 2023