

SEGOJU PAVANPUTRA CHARY

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github.com/pavanputhra17

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C/C++, SQL, HTML5, CSS3

Frameworks: React.js, Node.js, Flask, FastAPI, Express.js, Django

Databases: PostgreSQL, MySQL, MongoDB, Redis, Firebase

Tools: Git, Docker, Linux, VS Code, Postman, Jupyter Notebook

Cloud / AI: AWS, GCP, Azure, Netlify, Vercel, TensorFlow, PyTorch, Scikit-learn, Pandas, OpenAI API, NLP

PROJECTS

Real-Time Sentiment Data Analysis github.com/pavanputhra17/real_time_sentiment_data_analysis

- Architected a real-time sentiment pipeline ingesting live text streams from social media, applying NLP transformer models to classify sentiment and rendering live trends on an interactive web dashboard.
- Integrated pre-trained models with a FastAPI backend, achieving sub-second inference latency on high-throughput feeds with model accuracy consistently above 88%.
- Automated data preprocessing and feature extraction using Pandas and Scikit-learn, cutting manual effort by 70%; containerized the full stack with Docker for portable deployment.
- Persisted classified records in PostgreSQL with indexed queries, enabling historical trend analysis and real-time reporting across 100,000+ data points.

Stack: Python, FastAPI, NLP, Scikit-learn, Pandas, TensorFlow, PostgreSQL, Docker

EXPERIENCE

Data Analyst Intern

January 2026 – February 2026

Bharath Intern

Remote

- Executed exploratory data analysis (EDA) on large structured datasets using Python and Pandas, surfacing critical patterns, outliers, and anomalies to support business decision-making.
- Cleaned, transformed, and validated raw multi-source datasets, improving data consistency for downstream reporting pipelines by an estimated 60%.
- Developed interactive visual dashboards and structured summary reports to communicate analytical findings clearly to non-technical stakeholders, accelerating decision cycles.
- Applied statistical methods including correlation analysis and trend forecasting to derive measurable insights from operational data records.

EDUCATION

Bachelor of Technology – Computer Science and Engineering

Expected May 2027

CMR Institute of Technology, Bengaluru

CGPA: 7.6 / 10

Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks, Machine Learning, Software Engineering, Object-Oriented Programming, Web Technologies

CERTIFICATIONS

Cisco Networking Academy Certificate

Cisco, 2025

Completed certified training in Networking Essentials and Cybersecurity Fundamentals, covering TCP/IP protocols, network security architecture, and threat mitigation strategies.

Data Analytics Internship Certificate

Bharath Intern, 2026

Awarded on successful completion of data analytics internship, demonstrating proficiency in EDA, data wrangling, statistical analysis, and business reporting using Python.

KEY STRENGTHS

Full-Stack Awareness: Hands-on exposure across frontend, backend, database, and cloud layers enabling end-to-end project ownership from design to deployment.

Data-Driven Mindset: Applies statistical analysis and ML techniques to extract insights from raw data and develop intelligent, scalable applications.

Rapid Adaptability: Consistently picks up new frameworks and tools to meet project demands; comfortable working independently and in collaborative team environments.