

SIVA KIRLAMPALLI

Data Analyst

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EDUCATION

Bachelor of Technology - Computer Science and Engineering
Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh, India

2022 – 2026
CGPA: 8.68/10.0

Senior Secondary(+2)
Vignan Cooperative Junior College, Vadlamudi, Andhra Pradesh, India

2022
95.4%

SKILLS

Data Science

Power BI, Pandas, NumPy, Scikit-learn, Matplotlib

Languages

Java, Python, C, JavaScript, TypeScript, Go (Golang)

Databases

MySQL, PostgreSQL, MongoDB

Frameworks

React.js, Express.js, Django, Spring Boot

Tools & Platforms

Power BI, Git, Docker, CI/CD pipelines, Kubernetes, VS Code, Cloud Platform Integration (CPI)

Domains

Web Development (MERN), SaaS Applications, Data Science, Machine Learning, Artificial Intelligence

PROJECTS

Expense Tracker – Power BI Dashboard, <https://github.com/sivakirlampalli/Powerbi-expense-tracker>

- Built an interactive dashboard in Power BI to visualize personal expenses using Excel data.
- Implemented visuals including KPIs, pie charts, bar charts, and slicers for detailed insights.
- Enabled filtering by date, category, and payment method to improve analysis accuracy.

AI Text Summarizer [Python, NLP, HuggingFace]

- Built a web-based summarization tool using pre-trained transformer models (bart-large-cnn) from HuggingFace.
- Developed a simple user interface using Streamlit to allow users to paste and summarize long texts.
- Integrated NLP techniques for extracting concise summaries, improving readability and reducing content length.

Parsing of Social Media Feeds [React.js/Python(Django)/Selenium], <https://github.com/sivakirlampalli/SIH>

- Developed an automated tool to extract posts and profile data from platforms like Instagram, Facebook, and Twitter using Selenium in Python.
- Implemented logic to skip posts without captions and capture full-page screenshots, improving performance and relevance.
- Used PDFKit to generate structured forensic PDF reports containing screenshots and metadata for investigation purposes.
- Django handled backend automation workflows and API endpoints, while the React.js frontend enabled user-friendly access to the tool.

PROFESSIONAL EXPERIENCE

AICTE, Java Full Stack Developer Trainee – AICTE (Remote)

01/2025 – 03/2025 | India

- Completed certified training in Java Full Stack Web Development.
- Gained hands-on experience in Spring Boot, REST APIs, JSP, JDBC, and MySQL.
- Built mini-projects showcasing CRUD operations and responsive UI design.

KEY ACHIEVEMENTS

Reliance Foundation Undergraduate Scholarship

- Awarded for academic excellence and performance among top UG engineering students in India.

Smart India Hackathon Finalist

- Contributed as a core team member in developing an automated forensic investigation tool, which reached the final jury round in a national-level competition.
- Designed a solution to parse social media data, capture full-page evidence, and generate structured reports for legal use.
- Presented the tool to the Ministry jury, showcasing its application in real-world digital forensics.

CERTIFICATIONS

Smart India Hackathon Grand Finale

Recognized for leading a national-level team project solving a real-world legal investigation problem through automation.

Data Analytics and Visualization - Forage

Explored data cleaning, analysis, and visual storytelling using industry tools and methods applied to business case studies.

Python Foundation - Infosys Springboard

Gained solid understanding of core Python syntax, functions, control structures, and basic OOP concepts.

Java Full Stack - Eduskills

Acquired proficiency in Java backend development, front-end integration, and database handling for full-stack applications.