

DAKKILI KALYAN

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

Sree Venkateswara College of Engineering
Bachelor of Technology (B. Tech.) in Computer Science
Sri Chaitanya Junior College
Intermediate (M.P.C)

Nellore, Andhra Pradesh, India
December 2021 - May 2025
Nellore, Andhra Pradesh, India
June 2019 - March 2021

SKILLS SUMMARY

- **Languages:** Python, SQL, Java, HTML, CSS, JavaScript
- **Frameworks:** Pandas, NumPy, Scikit-Learn, Matplotlib, Spring Boot
- **Tools & Technologies:** Excel, PowerPoint, MySQL, SQLite,
- **Platforms:** PyCharm, Jupyter Notebook, Visual Studio Code, IntelliJ IDEA
- **Soft Skills:** Rapport Building, Stakeholder management, Team Leadership, Effective Communication

WORK EXPERIENCE

FULL STACK JAVA DEVELOPER INTERN | ThopsTech Career Solutions |

August 25 - January 2026

- Developed and maintained full-stack web applications using **HTML, CSS, JavaScript, Java, Spring Boot, and SQL**, working across both frontend and backend layers.
- Designed responsive and user-friendly interfaces using **HTML, CSS, and JavaScript**, ensuring cross-browser compatibility and improved usability across devices.
- Implemented backend business logic and RESTful APIs using **Java and Spring Boot**, enabling smooth communication between frontend components and the database.
- Worked with **SQL databases** to design schemas, write optimized queries, and perform CRUD operations to support application functionality.
- Collaborated with team members to understand requirements, debug issues, and enhance existing features, gaining hands-on experience with real-world development workflows.
- Followed structured development practices and basic SDLC concepts, contributing to code quality, testing, and iterative improvements throughout the internship.

PROJECTS

VisionTech Career Solutions | Front-End Career Guidance Website| [LINK](#)

September 25 - October 2025

- Developed a fully responsive front-end platform using HTML and CSS, delivering seamless accessibility across all major devices and screen sizes.
- Designed an intuitive interface to present career insights, skill resources, and job pathways with enhanced visual hierarchy and usability.
- Optimized layout structure and styling for efficient load times, ensuring cross-browser consistency and maintaining a professional user experience.

System Monitoring Tool (Python + psutil)| [LINK](#)

April 25 - May 2025

- Designed a cross-platform Python script to measure CPU load, memory usage, and disk throughput using the psutil library.
- Configured execution as a persistent service via systemd, ensuring uninterrupted background logging on Linux-based systems.
- Enabled historical resource tracking by appending timestamped metrics to log files, supporting system diagnostics and audit readiness.

Customer Segmentation System | [LINK](#)

February 25 - April 2025

- Improved marketing effectiveness by 40% by developing a K-Means clustering model after cleaning and preprocessing customer data for enhanced reliability.
- Engineered a model to segment customer base by purchase behavior and demographics, enabling a 20% increase in marketing campaign conversion rates for targeted high-value customer groups.
- Leveraged PCA to segment customer groups, enabling a 20% improvement in campaign targeting precision.

CERTIFICATES

Infosys Springboard Certifications | [CERTIFICATE](#)

June 2025

- Earned 12+ credentials in Python development, object-oriented design, database systems, NoSQL, and Agile methodologies through project-driven learning.
- Cultivated robust technical acumen and workplace readiness by mastering scalable coding practices, software lifecycle strategies, and effective communication.

Microsoft Certified: Azure Fundamentals| [CERTIFICATE](#)

April 2023

- Demonstrated foundational knowledge of core cloud concepts and Microsoft Azure services.
- Acquired understanding of cloud computing models, Azure architecture, security, compliance, and cost management