

K.V. PRATHAM

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Professional Summary

Results-oriented Information Technology professional with strong experience in cloud-based systems, data-driven analysis, and structured solution development. Proven ability to design, implement, and optimize scalable processes while aligning with organizational objectives and industry best practices. Adept at cross-functional collaboration, analytical problem-solving, and adapting technical expertise to diverse business and operational contexts.

Education

St. Martin's Engineering College <i>B.Tech in Information Technology (IT) CGPA: 7.5</i>	2022 – 2026 <i>Hyderabad, India</i>
Sri Chaitanya Junior Kalasala <i>Senior Secondary (MPC) Percentage: 65%</i>	2020 – 2022 <i>Hyderabad, India</i>

Internship Experience

Project Intern <i>Plasmid Innovation (MSME-Recognized Organization)</i>	Jun 2024 – Aug 2024 <i>India</i>
<ul style="list-style-type: none">– Executed a structured project focused on analyzing requirements, designing workflows, and implementing scalable solutions.– Planned and delivered a project involving system setup, configuration, and operational management.– Coordinated multiple components to ensure reliability, efficiency, and alignment with defined objectives.– Applied standard operational and quality practices to improve performance, monitoring, and maintainability.	

Academic & Technical Projects

StudyPulse – Daily Learning Tracker Web App	HTML, CSS, JavaScript, GitHub, Vercel
<ul style="list-style-type: none">– Developed a web application to track daily learning progress with a clean, interactive interface.– Implemented front-end using HTML/CSS and linked live stylesheets for real-time updates.– Integrated GitHub repository for version control and deployed project live using Vercel.– Optimized project workflow for rapid local testing, Git commits, and live deployment with a single-command workflow.– Demonstrated project live deployment and CI/CD principles for cloud-based front-end systems.	

Multi-Agent Knowledge Processing System	Python, APIs
<ul style="list-style-type: none">– Designed a structured system to process complex queries through coordinated components and logical workflows.– Developed interfaces to enable real-time interaction and data exchange between system components.– Improved maintainability and scalability by modularizing workflows and responsibilities.– Documented system behavior and usage to support testing, validation, and future enhancements.	

Automated Attendance Management System	Cloud-Based System
<ul style="list-style-type: none">– Designed an automated system to streamline attendance tracking and reporting processes.– Implemented verification mechanisms to ensure accuracy and reduce manual intervention.– Optimized data handling and reporting workflows to support administrative decision-making.	

- Conducted a comparative study to evaluate the impact of different preprocessing strategies on outcomes.
- Analyzed results using standard evaluation metrics and summarized insights for improvement.
- Developed reusable data preparation pipelines to ensure consistency and quality.

Skills

- **Web Development:** HTML, CSS, JavaScript, responsive design, front-end workflows
- **Cloud & Deployment:** Git, GitHub version control, Vercel deployment, CI/CD principles
- **Analytical & Problem Solving:** Requirement analysis, system thinking, decision making
- **Data & Tools:** Data analysis, SQL basics, MS Excel, MATLAB
- **Process & Operations:** Workflow optimization, documentation, quality practices
- **Collaboration:** Cross-functional teamwork, communication, adaptability

Certifications

- Cloud Computing Certification – Plasmid Innovation (MSME-recognized).
- Ultimate AWS Certified Solutions Architect Associate 2025 – Udemy.
- Java and its Industry Application – Path Creators.
- Python Programming – Niltech R&D Pvt. Ltd.

Languages

- English, Telugu, Hindi

Interests

- Strategic Games, Sports, Technology Trends, Travel