

ARVIND G

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PROFESSIONAL SUMMARY

Computer Science Engineering student with a strong focus on process automation, API integrations, and workflow optimization using tools like n8n. Experienced in designing and implementing end-to-end automated pipelines that connect multiple platforms, streamline operations, and eliminate repetitive tasks. Skilled in integrating third-party services (Instagram, Telegram, Google Workspace, Supabase, APIs) into efficient workflows. Passionate about building scalable automation solutions that improve operational efficiency.

EDUCATION

B.Tech in Computer Science Engineering
S.J.C Institute of Technology, Bangalore, India
Expected Graduation: 2026

INTERNSHIP EXPERIENCE

Automation Workflow Developer (Self-initiated Projects)

- Designed and deployed n8n workflows to automate social media content scheduling, API data collection, and reporting.
- Integrated Instagram, Telegram, Google Sheets, and Google Calendar into a unified automation pipeline.
- Created error-handling and monitoring systems to ensure automation reliability.

Web Application Penetration Testing Intern

- Chaithanya Cyberstrix India Pvt Ltd | 3 Months
- Conducted vulnerability assessments and penetration testing on web applications.
 - Identified and exploited security weaknesses using Burp Suite and Nmap.
 - Provided detailed reports and remediation strategies for security vulnerabilities.

Digital Forensic Intern

Sanmathi Forensic Labs

- Assisted in forensic analysis of digital evidence for investigations.
- Utilized industry-standard tools for data recovery and incident reporting.

PROJECTS

Automated Social Media Workflow using n8n

- Created automation workflows to post Instagram content, update Google Sheets logs, and send Telegram alerts.
- Reduced manual posting time by 90% through scheduled content distribution.

Quote-to-Video Automation Pipeline

- Built an n8n + Python workflow to convert text quotes into images, combine them with audio using FFmpeg, and auto-post to Instagram.

API Data Aggregator

- Designed n8n workflows to fetch, clean, and store data from multiple APIs into Supabase for reporting purposes.

TECHNICAL SKILLS

Automation & Integrations: n8n, API workflows, Google Workspace Automation, Supabase, Webhooks

Programming & Scripting: Python, Bash, JavaScript, HTML, CSS

APIs: REST APIs, JSON handling, OAuth integrations