M. SRI HARSHA

+91 733 093 7354 | sriharsha.tech@zohomail.in | Hyderabad, Telangana

PROFESSIONAL SUMMARY

Automation & Integration Engineer with 2+ years of specialized experience in building intelligent workflow automation systems and enterprise integrations. Expert in n8n automation platform with proven ability to design and implement end-to-end integration solutions across 20+ SaaS platforms including Shopify, Slack, Google Workspace, and Trello. Demonstrated expertise in leveraging AI technologies (OpenAI GPT-4, Google Gemini) to create intelligent automation workflows that reduce manual processing by up to 95%. Strong background in API development, webhook integration, and microservices architecture with proficiency in multiple programming languages. Adept at translating complex business requirements into scalable automation solutions that drive operational efficiency and enhance system interoperability.

CORE COMPETENCIES

- **Workflow Automation & Integration:** n8n platform expert, iPaaS solutions, end-to-end automation design, SaaS platform connectivity, webhook architecture
- **AI & Machine Learning Integration:** OpenAI API (GPT-4, GPT-4 Vision), Google Gemini, prompt engineering, intelligent document processing, AI-powered decision systems
- **API Development & Integration:** RESTful API design, webhook implementation, third-party API integration, microservices architecture, Spring Boot
- **E-commerce Solutions:** Shopify development, Admin API, Liquid templating, store optimization, order automation, inventory management
- **Programming & Scripting:** JavaScript (ES6+), TypeScript, Python, Java 17, SQL
- **Cloud & DevOps:** AWS (Lambda, EC2, S3), Docker, PostgreSQL, MySQL, CI/CD pipelines, Agile/Scrum methodology

PROFESSIONAL EXPERIENCE

Associate Member of Technical Staff | Automation & Integration Engineer

Coding Rippler Tech Private Limited | September 2025 – Present

- Architected and deployed 20+ enterprise-grade n8n automation workflows, integrating disparate SaaS platforms (Shopify, Slack, Google Sheets, Trello, Gmail) to create unified business process automation systems, resulting in 85% reduction in manual data processing
- Engineered intelligent automation solutions by integrating OpenAI GPT-4 and Google Gemini APIs for automated content generation, document processing, sentiment analysis, and AI-powered decision-making, improving team productivity by 40%
- Designed and implemented complex webhook architectures and RESTful API integrations to enable real-time data synchronization across multiple platforms, ensuring data consistency and reducing sync errors by 92%
- Developed end-to-end Shopify e-commerce solutions with automated order processing, inventory synchronization, and customer communication workflows, reducing order fulfillment time by 60%
- Optimized automation workflow performance through advanced error handling, retry logic, and monitoring systems, achieving 99.2% workflow success rate and sub-3-second average execution times

Java Developer | Backend & Integration Systems

Allvy Software Solutions | May 2022 – May 2023

- Developed high-performance RESTful APIs using Spring Boot and Java 17 that served as critical integration points for e-commerce platforms and internal automation systems, handling 10,000+ daily transactions
- Built scalable microservices architecture for backend services supporting automation workflows, implementing efficient data processing pipelines and API gateway patterns
- Collaborated with cross-functional teams to design integration solutions connecting legacy systems with modern automation platforms, improving system interoperability
- Implemented comprehensive API documentation and testing frameworks, reducing integration implementation time for client projects by 35%

Front-End Developer

Icore Generation Pvt. Ltd | December 2020 – December 2021

- Developed 15+ reusable React.js components with modern hooks architecture, creating scalable UI systems that improved development velocity by 50%
- Led migration of legacy jQuery applications to React framework, reducing bundle size by 45% and improving page load performance by 3x
- Collaborated with backend teams to integrate RESTful APIs and implement real-time data synchronization features, laying groundwork for future automation capabilities

KEY PROJECTS & ACHIEVEMENTS

AI-Powered Invoice Processing Automation System

Technologies: n8n, OpenAI GPT-4 Vision, Google Gemini, Gmail API, Google Sheets API, Python

- Engineered enterprise-grade intelligent automation system that processes invoices 97% faster than manual methods by leveraging dual AI engines (GPT-4 Vision for OCR + Gemini for structured data extraction)
- Implemented advanced validation logic with mathematical verification, urgency classification algorithms, and priority-based notification routing, achieving 98.8% accuracy rate
- Designed comprehensive error handling architecture with automatic retry logic, fallback mechanisms, and dual-sheet logging system for complete audit trail compliance
- Successfully processes 600+ monthly invoices with 8-12 second average turnaround time, reducing manual processing by 95% and eliminating data entry errors

TECHNICAL PROFICIENCIES

Automation & Integration Platforms: n8n (Expert), Zapier, Make (Integromat), Microsoft Power Automate

AI & ML Technologies: OpenAI API (GPT-4, GPT-4 Vision, DALL-E), Google Gemini, Anthropic Claude API, LangChain, prompt engineering

Programming Languages: JavaScript (ES6+), TypeScript, Python, Java 17, SQL

Backend & API Development: Spring Boot, Node.js, Express.js, RESTful APIs, GraphQL, Webhook architecture, Microservices

E-commerce Platforms: Shopify (Admin API, Storefront API, Liquid), WooCommerce, WordPress

SaaS Integrations: Google Workspace (Sheets, Drive, Gmail, Calendar), Slack, Trello, Asana, Notion, HubSpot, Salesforce

Cloud & DevOps: AWS (Lambda, EC2, S3, API Gateway, CloudWatch), Docker, Kubernetes basics, Git, GitHub Actions

Databases: PostgreSQL, MySQL, MongoDB, Redis

Development Methodologies: Agile/Scrum, CI/CD, Test-Driven Development, API-first design, Microservices architecture

EDUCATION

Bachelor of Technology in Electronics & Communication Engineering
NRI Institute of Technology | 2014 – 2018