

Rohit Kumar Rai

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Professional Summary

Results-driven Full Stack Developer with 1.5+ years building automation systems, SaaS platforms, and workflow orchestration tools. Strong experience in n8n, Python scripting, REST API integrations, Chrome Extensions (MV3), React.js and Node.js. Proven record of eliminating manual work through robust, observable, and reliable systems.

Technical Skills

Languages: Python, JavaScript (ES6+), SQL, C++, HTML5, CSS3

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Tailwind CSS

Tools & Platforms: n8n, Git, Stripe API, Chrome Extension (MV3), FFmpeg, PostgreSQL, WebSocket, Regex

Work Experience

Full Stack Developer Intern

Aug 2025 – Present

Optymatch — Remote

- Engineered high-performance orchestration pipelines (Node.js, Python) processing 500+ data extractions/day with 99.8% reliability using background workers and retry logic.
- Built secure REST API integrations (LinkedIn, Internshala, Naukri) and data transformation pipelines, reducing manual entry by 85%.
- Architected self-healing workflow systems with persistence and retry strategies, improving reliability by 40% during peak loads.

Full Stack Developer Intern

Jun 2025 – Aug 2025

Bridge Healthcare — Remote

- Developed streamlined onboarding workflows (React.js, Node.js) that reduced user drop-off by 15% via improved validation and flow design.
- Implemented Python ETL for patient data with HIPAA-aligned handling; improved retrieval speed by 30%.
- Refactored legacy services to modern architecture, reducing processing latency by 25%.

SaaS Developer (Freelance)

May 2024 – Jul 2025

Obsidian AI — Remote

- Implemented webhook-driven event handling for Stripe billing and subscription management supporting 1,000+ active users.
- Designed API orchestration connecting sandboxed dev environments with frontends to achieve sub-2s preview latency.
- Built monitoring and alerting pipelines to raise uptime and decrease mean-time-to-detect.

Projects

Multi-Platform Workflow Automation System

n8n, Python, REST APIs, PostgreSQL, Docker

- Deployed self-hosted n8n on Docker to orchestrate lead enrichment, scheduled email dispatching, and CRM synchronization with robust logging and retries.
- Implemented conditional branching and API fallbacks that reduced manual intervention by 90%.
- Achieved 99% pipeline visibility by implementing structured logging and automated alerting across all workflows.

Real-Time Data Pipeline & Analytics

MERN, Twitter API, Leaflet.js, WebSocket, Python

- Engineered a 10k+ RPM ETL pipeline with automated cleaning and geolocation, delivering real-time data to an auto-refreshing dashboard.
- Optimized WebSocket throughput, reducing frontend latency by 40% to maintain real-time data delivery during high-traffic spikes.

Education

Bachelor of Technology (B.Tech) - Artificial Intelligence & Data Science

Arya College of Engineering and IT, Jaipur

Aug 2023 – May 2027