

SABUJ CHANDRA DAS

AI AUTOMATION ENGINEER

n8n • Make.com • AI Agents • RAG • LLM Integration • API Automation
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Professional Summary

AI Automation Engineer with a Mechanical Engineering background and hands-on experience building AI-powered business process automations with n8n and Make.com. Experienced in AI agents, RAG, LLM/API integration, chatbots, knowledge-base automation, REST APIs, webhooks, OAuth and database-backed workflows. Built practical solutions using OpenAI, Claude, Gemini and Groq with Supabase/PostgreSQL, Google Workspace, Telegram and MCP. Combines systems thinking, troubleshooting and process optimization with reusable workflow design and reliable third-party integrations.

Technical Skills

AI Automation & Orchestration: n8n, Make.com, workflow design, workflow orchestration, business process automation, multi-step workflows, conditional routing, data transformation, workflow logic, testing & debugging

AI Agents & LLMs: AI agent development, OpenAI, Claude, Gemini, Groq, prompt engineering, LLM integration, tool calling, chatbot development, Generative AI

RAG & Knowledge Systems: Retrieval-Augmented Generation (RAG), knowledge bases, semantic retrieval, context-aware responses, AI customer support

APIs & Integrations: REST APIs, Webhooks, HTTP requests, JSON, API authentication, OAuth, third-party integrations, tool integration

Databases & Data: Supabase, PostgreSQL, Google Sheets, structured data processing, data cleaning, database-backed workflows

Platforms & Tools: Gmail, Google Calendar, Google Drive, Telegram, YouTube, Unsplash API, MCP, Claude Connectors, Claude Projects, Custom Skills, Git/GitHub

Selected AI Automation Projects

RAG-Based Email Customer Support Agent

- Designed a RAG-based customer support automation using n8n, OpenAI embeddings and Supabase/PostgreSQL for knowledge-base ingestion, vector storage and semantic retrieval; integrated LLM-based response generation to process customer queries and generate context-aware responses, with the complete workflow deployed and tested locally using Docker.

AI Travel Assistant — MCP + n8n

- Built an AI travel assistant in n8n using MCP-based tool interaction, connecting LLM reasoning with external capabilities and structured multi-step workflow execution for handling travel-related requests.

Automated Real Estate Lead Follow-Up — Claude

- Built lead-triage and follow-up automation using Claude Connectors and a custom Skill to process Google Sheets leads, evaluate lead information, prioritize follow-up actions and generate AI-assisted communication.

YouTube Automation — n8n

- Developed a multi-step YouTube automation workflow using n8n, integrating media processing, cloud storage and publishing steps to automate repetitive content-production tasks and coordinate multiple workflow stages.

LinkedIn Job Search Alert Automation

- Built an automated LinkedIn job-search alert workflow to streamline job discovery, process job-search information and surface relevant opportunities through workflow-based automation and scheduled execution.

Meeting Scheduler Agent — Make.com + Google Sheets/Calendar/Gmail

- Built an AI-assisted meeting scheduler using Make.com, integrating Google Sheets, Google Calendar and Gmail to process scheduling information, coordinate calendar events and automate meeting-related communication through a multi-step workflow.

AI Stock Analysis Automation — n8n

- Built an AI-powered stock technical-analysis workflow using n8n, an AI Agent, OpenAI GPT-4o Vision and Chart-Img API to dynamically retrieve and analyze stock charts; implemented reusable sub-workflow tool calling, dynamic ticker mapping and multimodal analysis.

Additional Automation Projects: AI Email Assistant — Dental Clinic; AI Receptionist; Excel Data-Cleaning Automation; Unsplash Image Agent; Webhook History/Documentary Workflow; Social Media Automation (n8n & Make.com); AI-Powered Knowledge-Base Support Automation (Make.com + Telegram + RAG); AI Automation Freelancer Assistant (Claude).

Professional Experience

Sub-Divisional Engineer | Payra 1320 MW Thermal Power Plant, BCPCL | Oct 2022 – Present

- Operate and monitor steam-turbine systems as a Deputy Operator, continuously tracking equipment condition and key operating parameters to support safe and reliable plant operation.
- Analyze operating parameters, equipment performance and abnormal conditions to identify deviations, incident/accident analysis, troubleshoot operational issues and support timely corrective actions.
- Coordinate with maintenance and cross-functional teams during equipment issues, communicate operational requirements and support effective resolution of plant-related problems.

Assistant Engineer | Payra 1320 MW Thermal Power Plant, BCPCL | May 2019 – Oct 2022

- Supported turbine operation, shift operations, equipment monitoring and inspection, and operating-parameter and performance monitoring.
- Maintained operational documentation and reporting while following plant SOPs and established procedures.

Education

Bangladesh University of Engineering and Technology (BUET) — B.Sc. in Mechanical Engineering | Graduation Year: 2017

Certifications

Certified Energy Auditor — SREDA | Certified Energy Manager — SREDA | Master AI Automation & Build AI Agents (No Code) — Ostad, Batch 8 | AI Builder: Create Agents & n8n — Ostad