

Pankaj Beniwal

Chandigarh, India • Remote

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Summary

Software engineer with 2+ years of experience building AI products and backend systems in startup environments. Currently a founding engineer at Automization, owning products from architecture through production. Personal work focuses on developer tools and systems software in Go and TypeScript.

Experience

Automization

August 2025 - Present

Founding Engineer

Remote

- Owned **Revriser** end to end as its sole engineer, from product architecture and infrastructure through implementation and production operation.
- Built automated publishing pipelines for four clients, producing **20-30 SEO-focused posts per site each month** from topic generation through publishing without manual intervention.
- Developed voice agents with Retell AI and n8n that handle **200-400 inbound calls per month** across two clients, including intent detection, service matching, and lead scoring.
- Parsed more than **2 million Gmail messages** from client inboxes to identify dormant B2B leads and re-engagement opportunities.

Turnix

April 2024 - August 2025

Software Engineer

Remote

- Built an LLM-powered pipeline for Nail IB that generated more than **10,000 unique practice questions** with automated answers and an admin review workflow.
- Developed a PDF builder that lets students assemble and download professionally formatted, branded question papers.
- Implemented AI-assisted grading, natural-language content filters, and scraping workflows for a large IB education platform.

Selected Projects

Revriser | *Next.js, NestJS, Temporal, PostgreSQL, ClickHouse*

Automization

- Solo-built an email marketing platform with contact management, domain verification, template editing, campaign scheduling, and analytics.
- Implemented campaign orchestration and delivery infrastructure using Temporal, PostgreSQL, ClickHouse, Redis, and AWS SES.

Durlo | *TypeScript, PostgreSQL, Node.js*

GitHub

- Building an experimental library for durable tasks and long-running workflows such as AI pipelines, with PostgreSQL persistence, retries, durable steps, and crash recovery.
- Includes cancellation, manual retry, workflow checkpoints, durable sleeps, a local CLI, and an inspection dashboard.

Labelr | *Go, Gmail API, Ollama*

GitHub

- Built and actively use a cross-platform CLI and background service that classifies and labels Gmail messages using local or hosted language models.
- Supports configurable labels, historical inbox sync, and native background services on macOS, Linux, and Windows.

Technical Skills

Languages: TypeScript, JavaScript, Go, Python, SQL

Frameworks: Next.js, React, Node.js, NestJS, Express, Vite, TanStack Router

Data and Workflows: PostgreSQL, MongoDB, Redis, ClickHouse, Temporal

AI and Automation: OpenAI API, Anthropic API, Retell AI, LangChain, n8n

Infrastructure: AWS SES/SNS, Cloudflare, Docker, Caddy, GitHub Actions

Education

GSSDS Khalsa College, Patiala

Bachelor of Business Administration

2020 - 2023