

// about I build systems because it's fun: [distributed workflows](#), [AI products](#), [developer tools](#). I like turning messy problems into software that quietly does the right thing.

// stack

// languages

Kotlin

Java

Python

SQL

JavaScript

// backend

Spring Boot

Temporal

REST APIs

Node.js

// data & messaging

Kafka

PostgreSQL

MariaDB

MongoDB

BigQuery

// infrastructure

AWS

Docker

// frontend

React

Next.js

TailwindCSS

// ai

OpenAI APIs

LLMs

MCP

Prompt Engineering

// education

B.E. Computer Science
BIRLA INSTITUTE OF TECHNOLOGY, MESRA
CGPA 8.92 · 2021

// beyond engineering

🏆 Won Headout's Internal Hackathon (Clockwork)

♠️ Won over 8 figures (INR) playing competitive poker

🏠 ISC Jharkhand State Topper

🤿 Certified Advanced Scuba Diver

// experience

Headout

Nov 2022 - Present

01 Senior Software Engineer · Backend Bengaluru

Nov 2022 - Present

- Own Headout's [supplier integrations](#), connecting the platform to [dozens of third-party suppliers](#) behind a uniform [book, cancel, and get-inventory](#) interface, with the retries, containment, and observability that keep one misbehaving supplier from degrading the rest.
- Helped establish [Endurance](#) as the single point of contact for every supplier integration, consolidating all [booking, cancellation, and inventory](#) communication behind one platform and collapsing scattered, duplicated supplier logic into a single owned boundary.
- Designed and built [Uruk](#), Headout's [inventory platform](#): a durable, [event-driven Kafka pipeline](#) that replaced a synchronous legacy path, decoupling ingestion from processing so work can be parallelized, [replayed after failures](#), and scaled independently, now syncing [~50,000 tours](#), some every [10–15 minutes](#).
- Built the [LLM-powered listing workflow](#) for [Supply360](#), Headout's self-serve onboarding platform, re-architecting it around [Kafka](#) into a [durable, recoverable workflow](#) that persists progress and resumes after failures instead of dropping in-flight jobs on restart.

Walmart Global Tech

Jul 2021 - Nov 2022

02 Software Engineer II Bengaluru

Jul 2021 - Nov 2022

- Built and maintained the [Java / Spring Boot](#) backend behind [Me@Walmart](#), scaling its [Store Systems Mobile Platform \(SSMP\)](#) services to [millions of active users](#).
- Built the [VizPick Salesfloor](#) backend from scratch, rolling real-time inventory picking out to [5,000 Walmart stores](#) and earning a [Bravo Award](#).
- Hardened backend systems for [Holiday Season](#) traffic ([2x+ normal](#)) through load-testing, tuning, and capacity-planning.
- Built [Inbox](#), an associate messaging system delivering store communications and shift updates to personal devices.

// featured projects

Atlaso: AI Travel Photobook Service

Solo · AI photobook service

- Built [Atlaso](#) end to end (solo, backend and frontend), an [AI-powered service](#) that turns a pile of vacation photos into a [print-ready hardcover photobook](#), cutting out the manual curation and design.
- Vision scoring: [GPT-4o-mini vision](#) scores each photo on sharpness, aesthetics, scene type, faces, lighting, and dominant colours.
- Selection & layout: ranks images, filters duplicates and blurry shots, balances variety, orders chronologically, and groups them into a [50-page print-ready layout](#).
- Experience: a [Next.js / React](#) frontend with drag-and-drop uploads, EXIF/location detection, client-side HEIC conversion, an illustrated cover designer, live previews, and checkout.
- Platform: [Kotlin / Spring Boot](#) over [PostgreSQL](#) on [Railway](#), [Vercel](#), and [AWS S3](#), with Razorpay payments and server-side pricing validation, signed upload grants, and rate limiting.

Awdience

Solo · AI for LinkedIn creators

- Built [Awdience](#) solo, product through engineering, an [AI tool for LinkedIn creators](#) that turns posting from a chore into a flow.
- Drafting: generates a post draft from an article URL and [consolidates multiple sources](#) (blog posts, tweets, videos) into one coherent post.
- Inspiration & scheduling: a curated library of [high-performing posts](#) to model, with built-in scheduling. Reached notable traction on [Product Hunt](#).