

# Bharat Chejay J

Team Lead · Full-Stack & AI Engineering

+91 73565 38368 · bharatchijay@gmail.com

India · Open to Remote

linkedin.com/in/bharat-cj · github.com/bharatcj

bharat-cj.vercel.app

8+

YEARS ENGINEERING

20+

PRODUCTION SYSTEMS

24M+

RECORDS AT SCALE

5

AI PRODUCTS LIVE

Engineering lead with **8+ years** shipping production systems for enterprises and consumer platforms: an ISO management portal adopted across **20 TATA plants and offices**, four years of **AI document intelligence and CRM automation** for US clients, and most recently a four-surface booking platform as **Team Lead at PartyWitty**. Full-spectrum ownership across backend, frontend, mobile, AI/LLM pipelines, payments and Linux infrastructure. Equally at home writing code, reviewing it, and building the process a team runs on.

## SKILLS

### Leadership & Delivery

Team Leadership

Code Review

Architecture Design

Sprint / Trello Process

Hiring & Mentoring

### Frontend & Mobile

React

Next.js

Flutter / Dart

TypeScript

Tailwind CSS

Redux

### Payments & Integrations

Razorpay

Stripe

Paytm

Easebuzz

WhatsApp Cloud API

OAuth 2.0 / JWT

FCM

Twilio / MSG91

### Backend

PHP (CodeIgniter 4, Laravel)

Python (Django, Flask)

Node.js

MySQL

REST APIs

WebSockets

### AI & ML

OpenAI / GPT-4

Ollama (local LLMs)

AssemblyAI / Whisper

OCR (EasyOCR, Tesseract)

YOLOv8 / OpenCV

Elasticsearch

### Linux, Cloud & Security

Linux Administration

Apache / Nginx

VPN (Pritunl)

iptables

SSL Automation (Certbot)

Cloudflare (DNS, R2, CDN)

GCP

AWS S3

AES-256 / TOTP MFA

Docker

CI/CD

Apache Airflow

## SELECTED PROJECTS

### Encrypted DB Backup System

Solo-built Node.js platform: AES-256-GCM encrypted MySQL dumps to Cloudflare R2, TOTP MFA, tiered retention, one-click restore, audit logging.

### Infrastructure Security Overhaul

46-point hardening program: Pritunl VPN perimeter, iptables firewalling, Apache and SSL automation, split-domain architecture, zero downtime.

### Horilla HRMS Rollout

Company-wide Django HR system as sole author: geofenced face-verified mobile attendance, payroll, auto-checkout, work-record exports.

### AI Call Intelligence

Async pipeline transcribing every call-center recording (AssemblyAI) and summarizing via self-hosted Ollama; per-agent daily AI digests.

### WhatsApp AI Concierge

Meta Cloud API bot with Dify AI conversations, per-user message queues and webhook-retry dedup, shipped solo in one day.

### TATA Management Portal

ISO management system for TATA Consumer Products, adopted across 20 plants and offices on annual contracts.

## EDUCATION

### Master of Computer Applications

Annamalai University · 2019 - 2021

### B.Sc. Computer Science

Vels University · 2015 - 2018

## EXPERIENCE

### Team Lead · PartyWitty

Mar 2026 - Jul 2026

India · Party & venue booking platform: React web, Flutter customer & partner apps, PHP/Node backends

- **Team leadership:** led PHP, React, Node and Flutter developers across 4 product boards, personally authoring **48% of all engineering commits** across 10 repositories while reviewing and merging every team change.
- **Platform ownership:** owned the Codelgniter 4 booking-and-payments backend (~75 controllers), authoring **87% of its commits** and coordinating conflict-free production releases.
- **Payments:** unified 4 gateways (Razorpay, Paytm, Easebuzz, Stripe) behind one checkout-verify flow; rebuilt Paytm S2S webhooks and made payout settlement atomic with corrected GST/TCS invoicing.
- **Wallet engine:** built PartyWittyPay, a co-funding wallet enforcing venue-platform shared discounts as one source of truth across Node and PHP, with auto-expiring sessions and advance plus balance settlement.
- **AI delivery:** shipped 5 AI surfaces including call transcription and summaries (AssemblyAI plus self-hosted Ollama) with daily per-agent digests, a WhatsApp AI bot built solo in one day, web AI chat, review moderation and resume screening.
- **Linux administration:** managed the production VPS fleet end to end: Apache virtual hosts, automated SSL via certbot DNS-01, a Pritunl VPN server, iptables firewalling that closed 6 exposed ports, Docker hardening, and internal Passbolt and phpMyAdmin deployments.
- **Security:** drove a 46-point hardening overhaul in one week (global route middleware, centralized CORS, VPN-gated admin), then unified JWT customer sessions across React, Node and PHP.
- **Infrastructure:** solo-built an encrypted MySQL backup platform in Node.js with AES-256-GCM dumps to Cloudflare R2, TOTP MFA, tiered retention, one-click restore, audit logs and email alerting.
- **Customer surfaces:** shipped 197 commits on the React app unifying 4 booking journeys into one card architecture; split the Flutter super-app into secure feature repos for safe external contribution.
- **Process & HR systems:** rolled out a company-wide Django HRMS as sole author (geofenced face-verified attendance, payroll, auto-checkout) and built a Trello-synced reporting engine for daily delivery tracking.

### Software Developer (AI / Full-Stack) · Nabrasol

Feb 2022 - Feb 2026

New Delhi, India · AI document intelligence & CRM automation for US clients

- **AI document intelligence:** engineered OCR plus GPT-4/Whisper pipelines for PDF and audio with **95% extraction accuracy**, 66% faster transcription and OpenCV selfie-ID verification.
- **CRM & workflow automation:** custom SugarCRM logic hooks and Apache Airflow DAGs (50% efficiency gain); WhatsApp, Facebook and TikTok integrations processing **100K+ monthly events** at 99.9% uptime.
- **Search & data migration:** Elasticsearch PDF search across 10K+ documents (40% faster retrieval); migrated **1.5M+ records with zero loss**; backfilled 400K+ legacy records.
- **Performance & stability:** cut server timeouts 47%, dashboard load 40% and memory 50%; Cloudflare rate-limiting blocked 95% of malicious traffic.
- **Scalability:** designed async task helpers cutting main-thread latency 40% and enabling bulk operations across **24M records**; zero-downtime delivery of 50+ features.

### Full Stack Developer · Quantum Leap

Jun 2018 - Feb 2022

Bengaluru, India · Enterprise web platforms

- **TATA management portal:** led end-to-end development of the ISO management system for TATA Consumer Products, adopted across **20 plants and offices** on annual contracts.
- Standardized management processes, cutting paperwork and operational costs; built audit tooling and a voice-command interface.
- Delivered full-lifecycle web applications for diverse clients using PHP, Laravel, JavaScript and SQL.