

# Ashwin Kothawade

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## EDUCATION

### Indian Institute of Information Technology, Jabalpur

Bachelor of Technology in Computer Science and Engineering, **CPI: 8.9**

Nov 2022 – May 2026

Jabalpur, Madhya Pradesh

## EXPERIENCE

### Software Engineer

Akatsuki AI Technologies

June 2026 – Present

Remote / Tokyo, Japan

- Led and built the flagship products that grew the company's annual revenue from 10M to 280M (28x) in one year, targeting 540M next – owning them end-to-end from architecture to production on GCP.
- Shipped Honyaku, a multi-tenant SaaS translating English-Japanese text, images, and PDFs in Slack (Gemini + Cloud Vision), building Slack OAuth, Stripe billing, usage metering, and an ops console, hardened with AES-256 encryption, Cloud Armor, and 28+ monitoring policies.
- Led Red Baron, an AI motorcycle appraisal and flyer platform (Next.js + FastAPI, Vertex AI Gemini, YOLOv8, Playwright) rendering print-ready 30-vehicle PDF flyers in 30–60s; deployed on GCP via Terraform.

### Software Engineering Intern

Akatsuki AI Technologies

October 2025 – May 2026

Remote / Tokyo, Japan

- Led the cloud infrastructure for KDDI's AI marketing platform: 2,400+ lines of Terraform for a secure multi-environment GCP setup (Cloud Run, private Cloud SQL, VPC, Cloud Armor), Workload Identity Federation CI/CD, and multi-region Gemini failover.
- Built a reusable 4-stage automated security pipeline (Gitleaks, Trivy, Semgrep, AI review) on Cloud Build, catching leaked secrets, CVEs, and misconfigurations before production across repo – saving incident cost and reputation.

### Backend Engineering Intern

smallcase

November 2025 – March 2026

Remote

- Prevented direct financial loss on South Indian Bank's lending flow (Go, MongoDB) by re-architecting bank verification into a two-stage API (Penny Drop + Name Match), adding abuse guards (max 10 attempts, auto-block after 3 failures) that closed an unbounded paid-API cost leak and blocked payouts to invalid accounts.
- Cut MongoDB read load with a Redis caching layer for Mutual Fund data (8,000 ISINs) and reduced breach/mispricing risk via field-level PII encryption and agreement-driven interest rates.

### Software Engineering Intern (Full Stack)

Mobile Premier League (MPL)

June 2025 – July 2025

Pune, India

- Built 11+ React pages backed by Spring Boot REST APIs and gRPC inter-service communication (Kafka, Apache Camel) for a Data Engineering Platform, automating manual cross-team processes and accelerating feature delivery.

## PROJECTS

### LaundriX — Online Laundry Management Platform | *ReactJS, Chakra UI, ExpressJS, MongoDB, Zustand*

- Built a full-stack laundry platform for two roles (Student, Launderer) with Razorpay payments and JWT auth on a ReactJS + Chakra UI / ExpressJS + MongoDB stack, delivering 100% accurate real-time order tracking.

## TECHNICAL SKILLS

**Languages:** Python, Go, JavaScript, TypeScript, Java, C++, SQL

**Web & APIs:** React, Next.js, Node.js, Express.js, FastAPI, Spring Boot, gRPC, REST, Kafka

**AI/ML & Data:** Google Gemini, Vertex AI, YOLOv8, PyTorch, BigQuery, Cube.js, Azure AI Search

**Cloud & DevOps:** GCP, AWS, Azure, Terraform, Docker, Kubernetes, GitHub Actions, CI/CD

**Databases & Security:** PostgreSQL, MongoDB, Redis, JWT, OAuth, OWASP, Prometheus, Grafana

## ACHIEVEMENTS & LEADERSHIP

Selected among **top 100 mentees from 4200+ applicants for C4GT 2025**, contributing to MedPlat's Dynamic AI Dashboard Builder for scalable government-tech solutions.

**LeetCode:** [ashwin190304](#) – 850+ problems solved, max rating 2042 (**Knight** – Top 2.5%)

**Hackathons:** Flipkart Grid 6.0, 7.0 Semifinalist (Top 22/17000), IIT Bombay TechFest Finalist (Top 5/600)

**Programming Club, IIIT Jabalpur:** mentored 40+ students in CP through algorithm/DS workshops and contests.