

Ashlok Rajesh Chaudhary

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#) | [LeetCode](#)

EDUCATION

Bhartiya Vidya Bhavan

Bachelor of Science in Computer Science — CGPA: **9.5 / 10**

Jul 2022 – Apr 2025

Mumbai, Maharashtra

TECHNICAL SKILLS

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

Backend: Node.js, Express.js, Django, Django REST Framework, Spring Boot, GraphQL Federation, WebSockets, REST APIs

Cloud & DevOps: AWS (EC2, ECS, Fargate, S3, RDS, Lambda, DynamoDB, ElastiCache), Docker, Kubernetes, GitHub Actions, GitLab CI/CD

Databases & Caching: PostgreSQL, MySQL, MongoDB, Redis, Elasticsearch

Distributed Systems: Kafka, Event-Driven Architecture, Microservices, Message Queues, Caching Strategies

AI & Tooling: LLMs, MCP (AI Agents), Celery, JWT, RBAC, Git, Postman, SonarQube

EXPERIENCE

OpenLeaf

Mar 2026 – Present

Software Engineer Intern — Backend

Mumbai, India

- Built and maintained **production REST APIs** in Node.js and Golang across multiple services, delivering features end-to-end from design through deployment.
- Improved API response times by **20–30%** through query optimization, connection pooling, and elimination of redundant inter-service calls.
- Introduced a **modular service architecture** decoupling business logic from data access layers, reducing technical debt and onboarding time.

WhatBytes

Sep 2025 – Mar 2026

Software Engineer Intern — Backend

Remote

- Designed and shipped **production REST APIs** using Django and Django REST Framework — covering JWT authentication, RBAC, and secure session management for a live B2C SaaS product.
- Optimized critical **PostgreSQL** queries via execution plan analysis and composite indexing, cutting average DB query latency by **~40%** on high-traffic endpoints.
- Standardized API-level input validation and error response schemas, reducing invalid-request failures by **~35%**.

Talent Corner HR Services Pvt. Ltd.

Apr 2025 – Jul 2025

Full Stack Developer Intern

Mumbai, India

- Built and deployed a **full-stack lead management platform** (React + Node.js + MySQL) enabling the sales team to track **10,000+ leads** with real-time status updates.
- Engineered an automated **data scraping and enrichment pipeline** with deduplication, achieving **~90% data accuracy** and cutting manual entry effort by **~60%**.

PROJECTS

ShopXIndia — Cloud-Native E-Commerce Platform

Node.js · AWS (EC2, ECS, S3, RDS, ElastiCache) · Apollo GraphQL Federation · Docker · GitHub Actions

- Designed a **microservices architecture** decomposing product, order, payment, and user domains into independently deployable services, enabling zero-downtime deployments.
- Built an **Apollo GraphQL Federation gateway** with Redis (ElastiCache) caching on hot queries, reducing API latency by **~30%** and achieving **99.9% uptime**.
- Automated full **CI/CD pipeline** with GitHub Actions — lint, test, Docker build, and ECS deploy on every merge, cutting deployment time by **~50%**.

AlphaGen Analytics — AI-Powered Data Platform

Node.js · Python · Elasticsearch · Celery · Redis · LLMs

- Built an **LLM-powered analytics platform** processing large-scale document corpora via Celery async task queues, tripling data-processing throughput and reducing query latency by **~35%**.
- Integrated **Elasticsearch** for full-text search and layered **Redis caching** on hot paths, significantly reducing redundant LLM inference costs and improving P99 response times.

Snappy — Developer-Grade Chrome Screenshot Extension

JavaScript · Chrome Extension APIs · Canvas API · WebM/GIF Encoding · Manifest V3

- Built a **Manifest V3 Chrome extension** with viewport, full-page, element-level, and custom-region capture modes; professional annotation canvas with brushes, shapes, blur/redaction, and step-numbering overlays.
- Engineered a **custom GIF encoder** (256-color LUT + LZW compression) and a tab video recorder via `chrome.tabCapture` exporting WebM — both running in an offscreen context for zero UI-thread impact.

ACHIEVEMENTS

Academic Excellence — Graduated with a CGPA of **9.5/10** in B.Sc. Computer Science.

Apr 2025

Open Source — Proposed a Kubernetes-based VM file hot-plugging solution.