

ARYAN CHOPRA

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EDUCATION

Bachelor of Technology in Information Technology – CGPA: 8.747

2021 – 2025

Bharati Vidyapeeth's College of Engineering, New Delhi

PROFESSIONAL EXPERIENCE

Software Development Engineer

Aug 2025 – Aug 2026

WLDD

Bengaluru, Karnataka

- Led backend development for Memed and Solo (2 consumer apps, 2 lakh+ combined users), coordinating with frontend and a backend team of interns and developers
- Built a wallet-based payment system (Cashfree) with user withdrawals and vendor payouts via an admin dashboard, using MongoDB transactions for financial consistency
- Built social listening dashboards for brand clients (Spotify, Netflix, Rapido) via an Instagram scraping + date-filtered Google search pipeline, surfacing categorized audience sentiment
- Built a voice interface for internal dashboards using LLM tool-calling to parse natural-language commands into dispatched backend actions
- Implemented WebSocket-based real-time in-app messaging in Solo, streamlining direct communication between creators and brands

Fullstack Developer

Feb 2025 – Aug 2025

Imagined Studio (deployed at Zerodha)

Remote

- Forward deployed Engineer with Zerodha's Zero1 media team; built Zero1 Intelligence, an analytics dashboard tracking views, demographics, geography, device, and comment sentiment across Zero1's YouTube network (GrowthX, Think School, Finshots TV, and others)
- Built a transcript-driven video ingestion pipeline, chunking long-form videos at script transitions and using Gemini to generate structured per-chunk summaries
- Implemented natural-language video search via vector similarity over ChromaDB chunk embeddings, returning exact matching segments with content-performance recommendations

Fullstack Developer

Aug 2024 – Jan 2025

Dunlin.AI

Bengaluru, Karnataka

- Built a retrieval-augmented transaction categorization engine: a shared fine-tuned Azure OpenAI model across 10+ client companies with per-company context injection – 400+ categorizations in under 5 seconds
- Built an embedding/retrieval pipeline in ChromaDB (self-hosted on AWS) indexing 100K+ historical transactions; vector similarity search retrieved relevant transactions as few-shot grounding for the fine-tuned model
- Built a Chrome extension (Manifest V3) capturing encrypted QuickBooks/Zoho session cookies for automated sync, plus REST APIs integrating both platforms – cut onboarding time 50%, powering a Next.js dashboard handling 1,000+ transactions

RELEVANT PROJECTS

MyPeach | *Sexual Wellness Community* – Next.js, PostgreSQL

- Community platform for sexual wellness in India (~10,000 users); built full-stack features including auth, community posts, profiles, and reels-style content discovery

Crack Coder | *Desktop Coding Assistant* – Electron, TypeScript

- Electron desktop app for real-time code execution and AI-assisted solution lookup alongside browser-based coding assessments; 184 GitHub stars

AutoSurf | *Autonomous Browser Agent* – Node.js, TypeScript, Puppeteer, OpenAI API

- AI agent using Puppeteer and the OpenAI vision API to analyze webpage structure and autonomously execute multi-step browser tasks

SKILLS

Languages & Frameworks: JavaScript, TypeScript, Python, React, Next.js, Node.js, Express.js

Databases & Cloud: PostgreSQL, MongoDB, Redis, ChromaDB, AWS, Azure, Docker

AI & ML: LLM Fine-tuning, RAG & Vector Search, Agentic Tool-Calling