Ajay Chaudhary

Software engineer who builds **AI products**, with **4 years** of C#, .NET and SQL on insurance platforms

Mumbai, India | ajayac.com | linkedin.com/in/ajay-ac3 | github.com/Ajayac3

34,000 chatbot answers scored across 66 businesses
250 pull requests merged at work since 2024
1,454 automated tests on a live education platform
4 products built outside work in 2026

EDUCATION

Guru Gobind Singh Indraprastha University, University School of Chemical Technology — Delhi, India
Bachelor of Technology in Chemical Technology | CGPA **8.09/10** (final year **9.48** and **9.00**) — 2018 – Jul 2022
Relevant courses: calculus, linear algebra, probability, statistics, numerical methods, C programming

WORK EXPERIENCE

Nvest Solutions, software for insurance companies — Mumbai, India
Manager – Client Delivery **(promoted)** — Apr 2026 – Present
Business Analyst — Sep 2022 – Mar 2026

- Set up the full **motor insurance** journey: pricing, proposal, underwriting referral, policy issuance, endorsements
- Developed the validation and product journey modules of **Nvest 2.0**, the company's core app, on the core team
- Merged **250 pull requests** and reviewed about **100** as a code owner of the company's core platform
- Owned a life insurer's **policy administration system** (C#, SQL Server), from new features to production support
- Resolved client **Jira tickets and production defects** on time, finding root causes in API logs
- Wrote a tool that **compares databases across environments** and runs API tests before and after deployment
- Designed an **Amazon S3** log archive after API logs filled a production database, and set it up for testing
- Led a **team of 5** on a general insurer's marine insurance project (2023 – 2024), from requirements to delivery
- Created an **AI tool** alone for the 2026 company hackathon that drafts product setup from documents

PROJECTS

Education platform for a school and a coaching academy *Next.js, TypeScript, PostgreSQL* — Jul 2026 – Present

- Launched two **live** websites with timed exams, backed by **1,454 automated tests**
- Integrated in-browser **computer vision** that flags no face, two faces or looking away during an exam
- Built an AI tool that turns news articles into exam questions; a person approves each one before students see it
- Showed in a live test that the AI can be told to break its rules, so added checks that block bad output

IntelliReply, AI support chatbot for businesses — intellireply.ai | github.com/Ajayac3/intellireply May 2026

- Designed search algorithms that match by keyword and meaning, rerank results and cite sources, in 8 languages
- Tested on **66 businesses** in 10 industries, where a second AI model scored **34,000** answers
- Fine-tuned the search model with PyTorch, and added a guard that blocks prompt-injection attempts

RankPilot, search-traffic tracker — github.com/Ajayac3/rankpilot May – Sep 2026

- Wrote a **12,400-line** Python data-mining pipeline; 19 collectors fill a **700,000-row** database for 19 report modules

GuardianAI, safety app for emergencies *Flutter* — github.com/Ajayac3/guardian-ai May 2026

- Developed live audio, video and location streaming to trusted contacts, with recordings encrypted on the phone

SKILLS

Programming: Python, C# (.NET 8), TypeScript, SQL, REST APIs, PyTorch
Artificial intelligence and machine learning: large language models (LLMs), natural language processing (NLP)
AI engineering: retrieval-augmented generation (RAG), fine-tuning, testing AI output, computer vision
Databases and cloud: PostgreSQL, SQL Server, Redis, Amazon Web Services (AWS), Docker, Git
Certificates: Google Data Analytics; Python, University of Michigan; Python for Data Science, IBM (2020 – 2022)

ACTIVITIES

Won **gold** with the basketball team at an inter-college sports meet — 2019
Won **silver** in tug of war at the inter-department sports meet — 2019
Program coordinator for **Anugoonj**, the annual cultural fest — 2019