

Ambuj Kumar

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SKILLS

Languages: C/C++, Java, JavaScript, Typescript, Python, SQL, PHP, C#
Frameworks: React.js, Next.js, Tailwind CSS, Streamlit, Flask
Tools/Platform: Google Cloud Platform (GCP), AWS (EC2, Lambda), Git & GitHub, Docker, MySQL
Soft Skills: Problem Solving, Quick Learner, Team Collaboration

WORK EXPERIENCE

The Raw Advantage

QA & Testing — *Freelance (Truelancer)*

Aug 25 – Sept 25

- Managed full WordPress maintenance workflow, including plugin updates, staging setup, backups, and safe deployments.
- Performed comprehensive QA testing using BugBug for checkout flows, admin workflows, CRM onboarding, and membership access.
- Tested Stripe payments, discount codes, and order workflows to ensure site stability after updates.

Outlier AI

AI Quality Analyst (C++, Math, Python) — *Freelance*

Jan 25 – Feb 25

- Evaluated AI-generated responses for C++, Mathematics, and Python to ensure technical accuracy and clarity.
- Delivered structured feedback and improvements to enhance LLM reasoning, problem-solving, and code-generation quality.
- Ensured high-quality training data that improved overall model correctness and reliability.

PROJECTS

Kansatiate – Food Delivery Web Application | [GitHub](#) | kansatiate.in

Sep 23 – Present

- Designed an interactive food delivery platform featuring cravings, meals, gallery, reviews, and ordering workflows.
- Engineered reusable UI elements including product cards, rating mechanisms, order forms, image galleries, and customer review modules.
- Migrated the application to Next.js, enhancing routing efficiency, performance optimization, maintainability, and responsive behavior.
- **Tech:** Next.js 14 (App Router), TypeScript, Tailwind CSS, PostgreSQL, Prisma, NextAuth.js

O_S — Security Vulnerability Detection Simulation Framework | [GitHub](#)

Jan 25 – Feb 25

- Simulated real-world system-level attacks such as buffer overflow, trapdoor/backdoor exploits, and ARP cache poisoning to demonstrate OS vulnerabilities.
- Visualized attack scenarios with severity-based alerts and actionable recovery and prevention insights.
- Constructed a Tkinter-based GUI integrated with multithreaded monitoring and Flask views for an interactive learning environment.
- **Tech:** Python, Tkinter, Flask

CERTIFICATIONS

- UiPath Academic Alliance – Student Automation Developer Associate | [Link](#) Nov 25
- Oracle Cloud Infrastructure – Generative AI Professional | [Link](#) Sept 25
- NPTEL – Cloud Computing | [Link](#) May 25
- Coursera – Software Engineering: Implementation and Testing | [Link](#) Apr 24

EXTRA CURRICULAR ACTIVITY

Campus Partner – Perplexity AI | Fall 2025

- Promoted Perplexity's Comet Browser by educating students on AI-driven productivity and research features.
- Referred students for installation and adoption through campus outreach.

EDUCATION

Lovely Professional University

Bachelor of Technology – Computer Science and Engineering; **CGPA: 7.64**

Phagwara, Punjab
Aug 23 – Present