

Kajol Kabiraj

Chandigarh, India | [Portfolio](#) | [Linkedin](#) | [Github](#) | kajolkabiraj6@gmail.com (+91)7988469106 | 3 Star [CodeChef](#)

EDUCATION

Thapar University, Patiala

Bachelor of Engineering, Computer Engineering (Final Year)

Aug 2021 – Nov 2025 (Expected)

The Century School, Gharaunda

12th CBSE (Top 5 in School)

Graduated 2021

95.6%

St. Theresa's Convent Sr. Sec. School, Karnal

10th CBSE (Top 10% in School)

Graduated 2018

92.7%

CERTIFICATIONS

Google Cloud Digital Leader Certification [link](#)

Advanced SQL Certification - S&P Global [link](#)

Product Roadmapping Micro-Certification (PRC)™ -The Product School [link](#)

Intro to Devops- S&P Global [link](#)

TECHNICAL PROJECTS

Flashcard with Paywall (SaaS) | *OpenAI, Authentication, Payment Gateway Integration, Server-side Programming.*

- Developed a SaaS application for flashcard creation with premium content paywall, boosting user engagement and revenue.
- Implemented secure authentication and payment gateway, enhancing user access and revenue from premium content.

Splitly | *C++, Standard Template Library (STL), Data structure and algorithms.*

- Developed "Splitly," a C++ application designed to calculate and simplify debt settlements among multiple parties, using data structures such as maps, arrays, and recursive algorithms to minimize transactions.
- Implemented efficient algorithms to optimize payment paths, reducing debt complexity by 50% and ensuring accurate settlements.

TURateMyProfessor - iOS | *Swift, iOS, Xcode, CocoaPods.*

- Developed an iOS app allowing students to rate and review professors, enhancing their ability to make informed course selections.
- Implemented key features such as professor search, rating submissions, and user-friendly navigation, contributing to a streamlined and engaging user experience.

WORK EXPERIENCE

S&PGlobal

Software Engineering Intern- Data Transformation, Market Intelligence

June 2024- August 2024

Gurgaon, India
(On-Site)

- Worked on the Foreseer Platform, one of the 80 interns selected all over the country.
- Worked with Project Manager and created a test and use Python automation system for Error check Migration problem of Data from Dev to QA testing increased their efficiency by 70 %.
- Collaborated with the NYC team in the Intern Hackathon and created an ATS scanner system using GenAI API of SparkAssist, leading to a 25% increase in processing speed of hirings.
- Enhanced Foreseer UI using Java Vaadin Framework, reducing user interaction time by

Humanitarian OpenStreetMap Team

Outreachy (Spring 2024 Cohort) Open Source Contributor (amongst 200 selected in India)

March 2024
(Remote)

- Project:** Osm-Fieldwork- a project for processing data collection using ODK into OpenStreetMap format.
- Enhanced the Basemapper module, used to take a project area and generate an MBTiles file from imagery sources like ESRI, Google etc.
- Contributed in developing a Python Kivy-based mobile interface, simplifying UI for data collection.

DeepStrat

Intern

January 2024

Delhi, India
(On-Site)

- Project:** Haryana Police Criminal Data Analysis System
- Collaborated in developing a Flask-based system for Haryana Police, improving criminal data analysis and enhancing crime predictive accuracy and criminal profiling by 60% through machine learning.
- Contributed to modeling complex criminal relationships with SQLAlchemy using 10+ years of Police data

Ambitio

Project Management and Outreach Intern

Aug 2023 – Oct 2023

Bengaluru, India.
(Remote)

- Researched, conceived, and helped develop two major software applications to enhance product offerings that increased company reach to almost 50,000+ students..
- Collaborated cross-functionally with operations teams and executed 10 successful campaigns.

SKILLS

- TCP/IP , System Design and Linux
- Project Management Tools:** JIRA Agile methodologies.
- Ability to produce clear and concise documentation
- Frameworks & Libraries:** React.js, Next.js, Vaadin
- Programming Languages:** C/C++, Java, Python, JavaScript, Swift
- Databases-** MySQL, Postgres
- Tools & Technologies:** Docker, Git, GitHub, Kubernetes

Interpersonal Skills

Strategical problem-solving, Research and Analytical skills, Management, Collaborative Team Ethics & Communication.

ACHIEVEMENTS

Certified NIFAA (National Integrated Forum of Artists and Activists) Volunteer recognized by the World Book of Records for 8+ events.

Google Cloud Facilitator 2024

RedBull Campus Ambassador 2023. Achieved 10 strategic partnerships and conducted 50+ sales audits in 10 weeks.

Contested in Google Girl Hackathon 2024 (Disaster Management System) and Walmart Sparkathon 2024 (Retail Tech)