

# Prabir Ghosh

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## SKILLS SUMMARY

- **Languages:** C++, Python, C, Java, Java Script, Dart
- **Frameworks:** HTML and CSS, Bootstrap, Flutter, Spring Boot, Express, Node
- **Tools/Platforms:** MySQL, Oracle, Git/GitHub, Firebase, Linux, Selenium, Power automate, MongoDB, AWS

## INTERNSHIP

- **The Endorse – An online Job Portal** Since October 2024
  - *Backend Development Intern*
    - **About:** Developed multiple API endpoints using Node.js and Express.js, integrated with the Flutter application. Established a connection between the APIs and SQL Workbench for efficient data storage and processing.
    - **Tech stacks used:** JavaScript, Node.js, Express.js, SQL Workbench, Flutter.
- **Helping Hands First Charitable Trust** Since July 2023
  - *Data Handling Officer, Teacher*
    - **About:** Managed and maintained student data in Excel, including test scores, parental ID cards, and other relevant information. Additionally, provided instruction on basic computer skills to students.

## PROJECTS

### Krishi Setu: An Assured Contract Farming System:

I developed Krishi Setu, a comprehensive **Flutter** application using the **GetX** architecture and **Firebase** to facilitate contract farming between farmers and contractors. The app enables users to engage in price **negotiation**, manage contract agreements, and process secure payments. It features a dynamic **marketplace** where farmers can post crop prices, and contractors can view and respond to these listings. Role-specific sections enhance usability, with a community feature for farmers and a tailored interface for contractors. This project improved my skills in Flutter, Dart, Firebase, UI/UX design, and mobile application development, focusing on user experience and agricultural market access.

**Technologies:** Flutter, Dart, Firebase, GetX

### Brave Browser Automation Software:

I developed an **automation software** using **Python** and **PyAutoGUI** to efficiently manage multiple profiles and automate **Brave Rewards** ad viewing. The software automates interface navigation within the **Brave browser**, recording earnings in **Excel** and generating detailed reports for user convenience. The project was converted into an **executable file** for easy deployment and seamless operation. This automation solution enhanced my proficiency in **Python**, **automation scripting**, and **data handling**, emphasizing meticulous planning for efficient technical execution.

**Technologies:** Python, PyAutoGUI, PyInstaller, Vscode, Excel

## ACHIEVEMENTS

- **Attained 5-Star Gold Badge in C++ on HackerRank:**  
Achieved a distinguished 5-star gold badge in C++ on Hackerrank
- **Attained 5-Star Gold Badge in SQL on Hackerrank :**  
Achieved a distinguished 5-Star gold badge in SQL in Hackerrank
- **One among the Dean's top 10% students in the University:**  
For good academic performance and extra-curricular activities in the university.
- **Attained 5-Star Gold Badge in Python on Hackerrank:**  
Achieved a distinguished 5-star gold badge in Python on Hackerrank.

## CERTIFICATIONS

- Prompt Engineering for ChatGPT.
- Introduction to Git and GitHub.
- Analysis on strings.
- ChatGPT advanced data analysis.
- Generative AI with Large Language Models.

## EDUCATION

- **Lovely Professional University** Punjab, India  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 8.63* Since August 2022  
*Favorite Courses:* Object Oriented Programming, Data Structures
- **St. Xavier's High School Patna** Patna, Bihar  
*Intermediate; Percentage: 82.4%* April 2020 - March 2022  
*Favorite Courses:* Physics, Computer Science
- **St. Xavier's High School Patna** Patna, Bihar  
*Matriculation; Percentage: 79%* April 2010 - March 2020