

Er. Chirag Bansal

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Skills And Certifications

Skills:

- **Machine Learning:** Implemented a **machine learning model** to develop a project to increase efficiency by **17%** using **TensorFlow**, ensuring the smooth functioning of AI-powered applications.
- **Database Management:** Optimized the cloud-based **database**, resulting in a **33%** reduction in monthly costs and a **14%** increase in efficiency, ensuring seamless **data management** and accessibility.
- **Microsoft Tools:** Working on Microsoft tools like **Excel**, **PowerPoint** to manage and create reports and presentations.
- **Relationship Building:** Foster strong relationships with business clients, collaborating closely to create documentation and craft compelling narratives that unearth valuable insights from data.
- **Data Visualization and Analytical Tools:** Proficient in data visualization and analytical tools such as **Power BI**, and **Tableau**, creating interactive dashboards and reports to communicate complex data insights to stakeholders, leading to a **28%** improvement in data-driven decision-making.

Certifications:

- Machine Learning by Stanford University June- 2020
- Python Object-Oriented Programming by LinkedIn July- 2021

Education

Postgraduate Certificate in Artificial Intelligence and Machine Learning Jan 2024 – Sep 2025
Lambton College, Toronto, Ontario, Canada

- Working as **Volunteer Head** for **LinkedIn Student Club** and conduct two **Workshops on LinkedIn Optimization** for the club, discuss how to optimize their LinkedIn and network on LinkedIn, impacting **60+ students** at Lambton College.
- Working as **Vice President** of the **Google developers' students club** at Lambton College in Toronto and encouraging students to build better coding habits.

Bachelor of Technology in Computer Science and Engineering Jan 2018 – Jun 2022
Punjabi University, Patiala, Punjab, India

- Organized different coding events and technical workshops as **CodeChef University Chapter President**, boosting coding culture and community engagement by **33%** and **45%**, respectively.
- Host **3 hackathons** as **Technical Club Head** and manage **750+ participants** and impact more than **2500+ students**.
- Led **CodeAsylums Community** as **Community Growth Head** for off-campus expansion and empowered **12000+** aspiring programmers nationally as well as internationally with proper guidance and resources.

Experience

Data Analytics Consultant (Contract Part-time)

May 2024 – Present

Elara

- Work with **Microsoft tools** to develop Data insights on ERP/Financial data, manufacture relational data, and share those insights with our clients for their business growth.
- Communicate with clients and the front to understand their needs and expectations and increase client satisfaction by 15%, according to company surveys.

Software Application Support Engineer

Aug 2022 – Nov 2023

Haryana Shahari Vikar Pradhikaran

- Developed a user-friendly **conversational artificial intelligence** chatbot based on **natural language processing models** to address user issues, resulting in a **27%** reduction in company customer service costs. This initiative also boosted customer satisfaction by **36%** and increased company revenue.
- Create **Power BI** dashboards to get user traffic and other pendency at the department levels for various types of application insights with the Department Head and **Chief Information officer**.
- Successfully delivered a **Django web application** with **MongoDB** integration to enhance the user experience, resulting in a **19%** increase in user engagement based on **analyzed user behavior metrics** such as Daily Active Users, Retention of web application.
- Facilitated weekly cross-functional meetings with team of developers and testers, ensuring seamless collaboration and effective communication of technical concepts to **Chief Information officer** and other officers, resulting in a **15% improvement** in project delivery.

Machine Learning Intern

Jan 2022 – Jul 2022

National Informatic Center

- Develop a well-documented single-handed **Realtime Skin Cancer Detection System** using a **multi-model** approach and relational database SQL, achieving an accuracy of **78%**.
- Developed and deployed a **Facial recognition** based automatic Attendance capturing and anomaly detection system for enhancement of security.
- Collaborate with interdisciplinary teams and streamline communication, which leads to a **reduction** in **project development** time by **12%** and saves the extra money used on resources.

Volunteer

- Judge at Eureka Hacks 2024
- Mentor at TreeHacks 2024
- Mentor at Hack-NU-Thon 2022
- Machine Learning Workshop Speaker at SRM University Chennai
- Speaker at Nirma University Gujrat
- Guest Speaker at Chandigarh University

Awards

- **First Prize** in **GDSC LCIT** Coding Winter Session Challenge
- Presentation Certificate at **IEEE Conference**
- Most helpful **Mentor Title** in Hack-NU-Thon 2022
- **First Runner Up** at **PEC Coding Fest**