

# SHREYA PEKHALE

Computer Science Student

pekhaleshreya@gmail.com | (780) 708 2855

**Portfolio** | **GitHub** | **LinkedIn**

## EDUCATION

### University of Alberta

Degree in Bachelor of Science - Computer Science

Edmonton, AB

September 2020 - April 2025

## EXPERIENCE

### University of Alberta | Undergraduate Teaching Assistant

Edmonton, AB | January 2024 - Present

TA for CMPUT 267 - Basics of Machine Learning,

- Conducted lab sessions every week and assisted students in one on one and small group setting.
- Assisted teaching staff in designing the course.

### City of Edmonton | Data Science Intern

January 2023 - August 2023

Affordable Housing & Homelessness Team

- Compiled and organized data for a comprehensive database of 15,000+ affordable housing units, improving efficiency by 20%.
- Developed 10+ interactive dashboards and reports using Tableau, contributing to a 30% increase in data accessibility for stakeholders.

### City Care Hospital & Research Center | Data Science Intern, Healthcare Analytics

Nashik, India  
| May 2022 - August 2022

- Contributed to healthcare analytics initiatives as a Data Science Intern, applying statistical analysis and machine learning algorithms to extract insights from patient data.
- Collaborated with medical professionals to enhance decision-making processes and optimize healthcare outcomes.

## PROJECTS / OPEN-SOURCE

### Movie DB Management System | Link

Python, MongoDB

- Integrated MongoDB & Python3 to create a system similar to IMDB website.
- Enabled users to efficiently search for movies based on title, genre, actors, and more, enhancing the overall functionality and user experience.

### FoodBook

Java

- Created an Android app leveraging AI and ML technologies to deliver an interactive experience for users, generating personalized meal plans based on available food items in stock.
- Enhanced user convenience by applying advanced algorithms for meal preparation suggestions.

## CERTIFICATIONS

- Data Analytics Professional Certificate - **Google**
- The Complete Android Oreo Developer Course - **CodeStars**
- Agile Explorer - Powered by Agile at IBM - **IBM**
- Core Health Informatics - Digital Health Canada.
- AI in Healthcare Specialization - Stanford University.