

Kritagya Kumra

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[Kritagya-web-GitHub](#) | [Kritagya-portfolio](#) | [Kritagya-Kumra-LinkedIn](#) | [Kritagya7777-Leetcode](#) | [Kritagya-Code studio](#)

Education

Gannon University , Erie, PA	Expected graduation (May 2025)
Master's in Information Technology	GPA
Guru Nanak Dev University , Amritsar, Punjab	Completed (Jun 2022)
Bachelor of Technology in Computer Science	CGPA 8.5
Delhi Public School , Amritsar, Punjab	Completed (April 2018)
Senior Secondary	89.2%

Work Experiences/Internships

KPMG India , Gurugram, Haryana	
<i>Intern (Full Time)</i>	Jan 2022 – Jul 2022
<ul style="list-style-type: none">Worked on Revenue assurance in toll operations and learned about collecting, cleaning, and detecting inconsistencies through KPIs.Performed checks using SQL scripts with PostgreSQL.Gained insights about Modern UI with HTML, CSS, and JS while working on the Governance and Operations Tool.Developed some parts of the front and back end while working on an Audit Automation Tool to automate audit reports.	

Gannon University Institutional Review Board, Erie, PA

<i>Junior Software Developer, (Part-Time)</i>	Aug 2023 – Present
<ul style="list-style-type: none">Working on IRB Tool which is a platform where research projects are validated based on different parameters.Work under Joshua C Nwokeji (nwokeji001@gannon.edu)Research projects are also validated based on how this would impact the lives of people, which is important when thinking of it practically.Gained better insights about Modern UI with HTML, CSS, and JS while working on this tool and tried to use my experience while developing the tool.Working on the front and back-end parts of the IRB Tool.	

Campus Engagement

<ul style="list-style-type: none">Gannon University On-Campus Position, Erie, PA (Ongoing)Student Philanthropy OfficerWork under Kevin McCann (mccann008@gannon.edu)Collaborated with peers to promote strategic philanthropic activities such as fundraising and volunteerism to create awareness about charitable concerns, and enabled donations within the Gannon Alumni to develop grant opportunities.	Aug 2023
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Skills

<ul style="list-style-type: none">Computer skills: C/C++, AWS, Cloud Architecture, Cloud Networks, Linux, Python, C#, Java and JavaScript. MYSQL, MongoDB, PostgreSQL, ReactJS, Next.JS, Node, VS Code, Express JS, Bootstrap, Material UI and WordPress, TensorFlow, NumPy, Pandas, Seaborn, Jupiter Notebook, Matplotlib and Sklearn.Language skills: Proficient in English, Hindi & Punjabi Languages.	
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Academic Projects

Programming in ASP.Net Class	Oct 2020
<ul style="list-style-type: none">ESmartBanker – An Internet Banking WebsiteDeveloped a Fast and Fully Secure Net-banking website in ASP.NETIncluded Modules: New Account Opening, Registering/ Deregistering for Net-Banking, Transaction Section, Updating ProfileSection, etc.	

- Made transaction by a Secure OTP received by email.

Programming in C/C++ Class

Aug 2019

- Online Examination System
- Developed a Windows-based application (in C++) for taking Exams of multiple students.
- Included Modules: New User Registration, Attempt Test, Results, Contact US

Technical Projects

Movie Recommender System

Nov 2022 - Dec 2022

- Developed a website that recommends movies based on the data related to the movie entered previously parameters on genre, director, and cast.
- Fetched details of the movies, such as title, genre, runtime, rating, poster, casts, etc., are fetched from TMDB.
- Subjected to sentiment analysis, where the model predicts whether the review is positive or negative.
- Developed using Python, Sklearn, Pandas, Matplotlib, and Numpy.

Birla Real Estate Price Prediction

Jul 2022 - Sep 2022

- Completed a model that will predict the price of any house by looking at the features like no. of bathrooms, no. of bedrooms, etc.
- Created using Python, Sklearn, Pandas, Matplotlib, and Numpy.

E-Commerce Website

Sep 2021 - Nov 2021

- Actualized an E-Commerce site using the MERN stack with user-friendly UI, optimized and secure backend
- Included Modules: Sign Up, Sign In, User Dashboard, Admin Dashboard (for managing all products and orders) with payment gateway

Airbnb Clone

Mar 2021 - Jul 2021

- Replicated user-friendly UI with complete Logic and Design of Airbnb using ReactJS, NextJS, and Tailwind CSS
- Included Modules: Home page, Check-in, and Check-out dates, Number of Adults and Children expected, and List of rooms with their pictures and names.

Personal Portfolio Website

Jan 2021 - July 2021

- Made using React and contains data about my internship, technical skills, and academics.

Certificates and Achievement

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| • Certified in C++ from VMM Education. | Jul 2018 - Sep 2018 |
| • Certified in Python from VMM Education. | Jan 2019 - Mar 2019 |
| • Certified in JAVA Training from NIIT Mall Road, Amritsar. | Jan 2019 - Jul 2019 |
| • Certified in Oracle Database: Introduction to SQL Ed.2 from NIIT LTD | May 2019 - Nov 2019 |
| • Machine Learning A-Z™: Python & R in Data Science [2022] from Udemy | May 2022 - Dec 2022 |
| • Internship in Python for Data Science and Research Methodologies | Jun 2023 - Aug 2023 |

Leadership/Responsibility

- Led our team in the Smart Indian Hackathon Team and gained a lot of corporate experience and enhanced leadership, communication, program
- Headed a group of people during an academic project while learning concepts of C/C++
- Worked with a group of people during an academic project while learning ASP.Net

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