

Anushka Jain

+1470-861-1830 | Boston, MA | anushka.dkj@gmail.com | [Linkedin](#) | [Github](#)

EDUCATION

Northeastern University, Boston, MA
Khoury College of Computer Sciences

Master's in Computer Science

Relevant Courses: Programming Design Paradigm, Algorithms, Database Management Systems

Jan 2022 - Present

Expected: Dec 2023

GPA 3.8/4.0

Dayananda Sagar College of Engineering, Bangalore, India

Bachelor of Engineering in Computer Science

Relevant Courses: Data Structures, Algorithms, Object Oriented Design, Machine Learning, Cloud Computing

Aug 2015 - May 2019

GPA 9.1/10.0

TECHNICAL SKILLS

Languages: Java, Python, SQL, R, HTML/CSS, Bootstrap, Javascript, NodeJS, React, jQuery, Spring Boot

Databases: Microsoft SQL Server, MySQL, Oracle, PostgreSQL

Developer Tools: IntelliJ, OBIEE(Oracle Business Intelligence), BI Admin Tool, MS Excel, Tableau

Certifications: Oracle Cloud Infrastructure Associate, Oracle Cloud Platform Enterprise Analytics 2020

Certified Specialist, Complete Data Science Bootcamp 2020, Udemy

WORK EXPERIENCE

Organization: Khoury College of Computer Science, Boston, MA

Sept 2022 - Current

Role: Teaching Assistant (Database Management Systems)

- Facilitated a class of 60 students for Database Management Systems.
- Conducted doubt sessions and helped students in comprehending fundamental concepts.

Organization: Oracle Corporation (Global Business Unit), Bengaluru, India

July 2019 - Dec 2021

Role: Associate Solution Engineer (2.5 years)

Smart City Solution

Aug 2021 - Nov 2021

- Implemented pothole detection on roads and helmet detection for safety workers using Object Detection and Image Classification machine learning algorithms with a mAP score of 0.7.
 - Implemented object detection using YOLO framework and deployed it on Oracle Cloud Infrastructure.
 - Built BI and spatial reports leveraging OBIEE 12c for visualizing metrics across a geographic area.
 - Managed quality delivery of reports on Oracle Analytics Cloud.
- Technologies Used: Python, OCI, Oracle Functions, Oracle Analytics Cloud.

Industry Data Model Provisioning

Sept 2020 - Dec 2020

- Created detailed visualizations using Matplotlib to analyze defects in a semiconductor chip.
- Analyzed root cause of defects through K-Means Clustering in Oracle Machine Learning.
- Technologies Used: Python, SQL, Oracle Machine Learning.

PROJECTS

Board Game | Java

Jan 2022 - May 2022

- Developed a multiplayer board game built through best programming design practices.
- Applied Model View Controller (MVC) framework and Strategy design pattern as design principles.
- Created end to end project along with GUI using Java Swing.

Twitter Application

Sept 2022 - Current

- Built a clone of Twitter as part of Web Development course, where front-end development is done using ReactJS, Redux, JavaScript, Bootstrap, HTML and CSS.
- Created API's using NodeJS, ExpressJS on back-end and used non-relational document-based database (MongoDB).
- Technologies Used: HTML, CSS, Javascript, ReactJS, Redux, Bootstrap.

INTERESTS/ACTIVITIES

- Recognised as a stand out performer for coming under top 10 performers in academics, B.Tech for year 2019.
- An active volunteer of Oracle Volunteers and mentored multiple drivers, Bengaluru.
- Participant of Teach for India fellowship program.