

## EDUCATION

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### State University of New York At Binghamton (GPA – 3.7)

**Aug 2021 – May 2023**

Masters in Computer Science

### University Of Mumbai

**Aug 2016 – May 2020**

Bachelors in Computer Engineering

## PROFESSIONAL EXPERIENCE

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### Software Engineer Trainee | Marlabs, New Jersey

**Jun 2023 – Present**

- Developed a secure CRUD application using Spring Boot Framework with JSON Web Token authentication.
- Implemented user-friendly interfaces leveraging HTML, CSS, JavaScript, and React for efficient data manipulation and retrieval.
- Utilized MySQL database to ensure secure storage and retrieval of application data.
- Integrated authentication and authorization mechanisms ensuring secure access and data integrity.
- Conducted unit testing and end-to-end testing, resulting in improved efficiency and reduced data redundancy.

### Associate Research Analyst | Contexio, Mumbai

**Nov 2020 – Jan 2021**

- Analyzed best-in-class and competitive e-Commerce platforms to recommend solutions to improve sales.
- Compared User Experience and data across competitors for display and feature recommendations.
- Researched market trends, conducted surveys and analyzed competitors.
- Developed and tested manual and web – based reporting forms and surveys for different organizations.

## PROJECTS

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### Project – Toxicity Analysis on Social Media

**Dec 2022**

- Designed and implemented a comprehensive data collection, analysis, and visualization system to extract insights from diverse social media platforms.
- Developed customized Python scrapers leveraging APIs to systematically collect and process sports-related Twitter data, Reddit comments, and YouTube comments over a month-long period.
- Implemented robust data storage methodologies using a NoSQL database (MongoDB), ensuring efficient organization and retrieval capabilities for subsequent analysis.
- Conducted sentiment and toxicity analysis on the accumulated data utilizing the BERT model, effectively categorizing, and quantifying negative sentiment and toxic content within the collected information.
- Employed Matplotlib to create dashboard with insightful visualizations, including histograms, scatter plots, and heatmaps, providing a comprehensive overview of sentiment trends and toxicity levels across different social media platforms.

### Project – Ecommerce Website

**May 2022**

- Developed a comprehensive online marketplace, providing user-centric shopping experience for customers across various product categories.
- Utilized React.js for the front-end, ensuring a responsive and intuitive user interface that optimized customer interaction and facilitated easy navigation.
- Developed a product catalog and search functionality using MongoDB for efficient data storage and retrieval, enabling users to explore and find products effortlessly.
- Designed an admin dashboard, providing administrators with tools for inventory management, order processing, and user management.

## SKILLS

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**Languages** – Python, C, C++, Java, JavaScript, TypeScript, PHP, Perl, HTML, CSS, SQL

**Databases and Frameworks** – MYSQL, MongoDB, Django

## ACHIEVEMENTS

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### Extra-Curricular

District Level Chess Player, Undergrad Final Year Project Published in IJSRCSEIT