

EDUCATION

- State University of New York Binghamton

Binghamton, New York, USA

Master of Science in Computer Science; GPA: 3.4/4.0

Aug. 2022 – Aug. 2024

Courses:

Design Patterns, Data Structures and Algorithm (DAA), Programming Languages, Data mining, Databases System, Operating Systems, Computer Security, Data privacy, Computer Architecture and Organization, Social Media Pipeline.
- MET’s Bhujbal Knowledge City, Institute of Engineering

Nashik, Maharashtra, India

Bachelor of Engineering, Bachelor of Engineering in Computer; GPA: 8.72/10.0

Aug. 2017 – July. 2021

Courses:

OOP, Data Structures, Computer networks, AI and ML, Software Project Management, Database Management Systems.

TECHNICAL SKILLS

- Languages & Frameworks:

C, C++, Java, Python, SQL, Spring Framework, .Net, HTML5, CSS, PHP, JavaScript, React, Node.js
- Tools/Skills & Technologies:

OOPs, Data Structures, Algorithms, Git, Linux/Unix, Docker, Kubernetes, AWS, SDLC, Agile, AI, Machine Learning
- Databases:

MySQL, MongoDB, PostgreSQL

EXPERIENCE

- Quant Masters Technologies Pvt. Ltd

Nashik, India

Software Engineer Intern

Aug 2021 - May 2022

○

Researched, designed and implemented Machine Learning models using decision tree, KNNs, and logistic regression models.

○

Collaborated on the development of a Movie recommendation system using collaborative filtering algorithms.

○

Successfully implemented a Convolutional Neural Network (CNN) algorithm for image classification.

○

Deployed machine learning models on AWS, utilizing cloud-based infrastructure to ensure scalability and robustness of solutions, leveraging services such EC2 for efficient model deployment.
- Zensar Technologies

Nashik, India

Software Engineer Intern

Nov 2019 - Feb 2020

○

Completed comprehensive training in Core Java and PL/SQL, with a focus of Agile methodology and software development principles and practices.

○

Developed a Hospital Management System using Java, JSP, Servlet, and the Spring Framework, showcasing proficiency in full-stack development.

○

Improved ability to analyze and evaluate complex problems, and identify alternative solutions, by 15% within 3 months, by creating systems and processes that were utilized by the entire group.

○

Participated in training sessions for Aptitude, Soft Skills, and Life Skills. Acquired soft skills including teamwork, effective communication, leadership, and marketing strategies to contribute more effectively to team projects.

PROJECTS

- Fullstack Booking Application using MERN

○

Designed and developed a comprehensive booking application using the MERN (MongoDB, Express.js, React.js, Node.js) stack.

○

Implemented a responsive UI, enhancing user experience through modern frameworks like Tailwind CSS.

○

Integrated real-time notifications and updates into the application, keeping users informed about their bookings and enhancing overall user experience and integrated secure payment gateways, enabling seamless and reliable financial transactions for users.
- Social Media Movie Genre Trends Analysis Project

○

Conducted an in-depth analysis of movies and genre trends using Reddit and The Movie Database (TMDb).

○

Applied Python, Reddit API, TMDb API, and PostgreSQL for data collection and analysis.

○

Employed sentiment analysis through the ModerateHatespeech API to assess toxicity in discussions.

○

Visualized data using Flask, Bootstrap, HTML and CSS.
- Stack Overflow Survey 2021 data Analysis – NoSQL Project

○

Analyzed Stack Overflow Survey 2021 data, using Python and MongoDB showcasing proficiency in big data manipulation and NoSQL databases.

○

Utilized MongoDB’s aggregation pipeline for data transformation, Pandas for data manipulation, and Matplotlib.

○

Conducted detailed analysis on hourly wages, popular languages, databases, and respondent demographics.

○

Demonstrated proficiency in effective database connectivity and coding practices ensuring clear insights from the Stack Overflow Survey data.
- E-marketplace for customize package shopping

○

Developed a responsive e-commerce website for online shopping.

○

Implemented retailer, wholesaler, and customer module with advanced features of package module.

○

Demonstrated full-stack development skills using HTML, CSS, Javascript, and PHP for database interaction.

COURSES

- Programming for Everybody (Python) – University of Michigan.

Certificate
- Introduction to Web Development – UC Davis

Certificate
- Advanced Styling with Responsive Design – University of Michigan.

Certificate
- Java Programming: Solving Problem with Software (Coursera).

Certificate

VOLUNTEER AND EXTRA-CURRICULAR

- Marketing Committee Member, Student Association of Computer.
- Volunteer, Official Committee for Hindustan formula Karting Championship.
- Participant, National Level TCE Hackathon.