

## EDUCATION

### State University of New York at Buffalo

Current GPA: 3.70/4.00

January 2023- May 2024\*

- Master's in Computer Science

### Vellore Institute of Technology, Amaravathi

GPA: 3.98/4.00

August 2018- April 2022

- Bachelor of Technology in Computer Science & Engineering

**Relevant Coursework:** Problem Solving & Object-Oriented Programming, Software Development Principles, Organizing & Managing Data, Intelligent Systems, Digital Image Techniques, Web Development.

## TECHNICAL SKILLS

- **Programming Languages:** Java,C, C++, Python.
- **Database Management Language:** SQL, NoSQL, MongoDB
- **Web:** HTML, CSS, JavaScript, XML, JSON, REST API, React JS
- **Cloud:** Salesforce, Kubernetes, Docker.
- **Tools:** MATLAB, Visual Studio, Eclipse IDE, NetBeans IDE, Firebase
- **Framework:** Node.js, Spring Boot, Bootstrap

## EXPERIENCE

### • Systems Engineer | Tata Consultancy Services Limited

August 2022 – December 2022

- Specialized in Java and Spring Boot for the development of robust systems at TCS. Focus was on designing, implementing, and maintaining REST APIs with CRUD operations which led to a notable 20% boost in system efficiency and reliability. This role deepened expertise in Java programming, contributing to scalable and efficient backend solutions.

### • Salesforce Developer | Bajaj Finserv Health Limited

January 2022 - July 2022

- Leveraged Java programming skills for Salesforce development, focusing on Apex code that mirrors Java syntax for scalable solutions. Developed and deployed over 15 Apex classes and triggers, directly contributing to a 25% improvement in application performance and scalability within Salesforce environments.
- Managed the task of turning complex business processes into practical Salesforce setups, using Apex for logic on the server side, along with Visualforce and Lightning Web Components to make the user interface interactive.
- Streamlined operations through declarative customization options, including workflows and process automation leading to a 40% reduction in manual processes. Additionally, gained experience in Vlocity, developing tailored solutions for the insurance and financial services domain.

### • Student Intern(Exploratory Data Analysis) | Verzeo Edutech

July 2020 - September 2020

- Implemented machine learning modules handling large datasets, applying various ML algorithms to identify the most effective classifier for specific scenarios
- Achieved a leading algorithm accuracy of 95%, outperforming baseline models by 20%. This effort included the evaluation of over 5 distinct algorithms, ultimately enhancing prediction reliability and decision-making efficiency in complex data environments.

## PROJECTS

### • School Management System, University at Buffalo-New York

(SQL, PgAdmin-4, Python flask)

- Developed a school management system to focus on efficient student data handling and reduce redundancy. By utilizing PgAdmin-4, created a comprehensive database with minimized data redundancy. The integration with a Python Flask application facilitated user-friendly CRUD operations, reduced redundancy, and provided valuable insights through custom queries. In summary, the project streamlined student data management, emphasizing efficiency and minimized data redundancy.

### • Netflix Clone

(React JS, Firebase)

- Build Netflix clone using React.js for the front-end, mimicking design and functionality. Implemented Firebase for secure user authentication and database management. Utilized TMDB API for fetching movie details, hosted on netlify for universal accessibility.
  - <https://relaxed-goldwasser-dae2b5.netlify.app/>

### • Predict attrition within the Company.

(Python, Machine learning)

- Implemented python for data cleaning, EDA, and preprocessing of employee data. Utilized logistic regression, decision trees, and random forests to predict attrition. Evaluated models via confusion matrix, optimizing performance through feature engineering and hyperparameter tuning. Presented actionable insights to stakeholders, informing employee retention strategies.

### • Portfolio

(ReactJS, VSCode)

- Developed a digital resume with ReactJs.
  - <https://naveenportfolio.netlify.app/>

## CERTIFICATION

- Problem solving in Java: HACKERRANK
- Introduction to Data Science in Python : COURSERA
- Communicate effectively in groups: COURSERA
- Complete Web developer : UDEMY
- 5 Star(Gold badge) in Hackerrank Java