

# SHIVAM MISTRY

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## Objective

Result driven computer science graduate, seeking an entry-level position where I can apply my technical expertise, collaborate with a motivated team, and contribute to innovative solutions in the ever-evolving field of computer science.

## Education

### University of Tennessee

*Bachelor of Science in Computer Science*  
Cumulative GPA: 3.99 / 4.00  
Summa Cum Laude

Knoxville, TN  
Graduation: May 2024

## Professional Experience

### JTV

*Web Development Intern*

Knoxville, TN  
May 2023 – August 2023

- Collaborated on two frontend projects where I redesigned and completely implemented webpages using tools JSP (Java Server Pages), SCSS, and jQuery.
- Leveraged J2EE suite and Oracle CMS to address critical tasks related to SEO, URL formatting enhancements, and pagination improvements.
- Conceptualized and executed an optimized Git workflow methodology, reducing merge conflicts by 70% and fostering more efficient code development.

### Rep Me

*Software Development Intern*

Knoxville, TN  
June 2022 – August 2022

- Successfully designed and executed solutions for two distinct front-end webpages.
- Utilized technologies like HTML, CSS, JavaScript, jQuery, and Git to implement the solution.
- Optimized efficiency through the implementation of a modular code structure.

## Skills

**Languages:** C/C++, Java, C#, JavaScript, Python, SQL/NoSQL

**Technologies:** .NET, React.js, Node.js, Express.js, PostgreSQL, MongoDB, RESTful API, Git, AWS

**Soft Skills:** Communication, Teamwork, Time Management

## Projects

**EAT with AI.** An Event Attendance Tracking application where I fine-tuned ML models using Python and integrated them with the backend system built with Node.js. Additionally, I reduced communication latency by 50% with the frontend by implementing websockets.

**Home Mortgage Approval.** A comparative study using different ML models like MLP Classifier, Random Forest, Ada Boost that aimed to find factors contributing to approval and denial of home mortgage applications. Additionally, conducted biasness analysis as a part of data exploration.

## Involvement

Communications Chair & Website Manager for *Tau Beta Pi Engineering Honor Society* where I improved email open rate by 25%, increasing meeting attendance and website visits.