

Varshini D
(219)440-2390 ■ varshinid2992@gmail.com ■ [LinkedIn](#)

OBJECTIVE

Passionate and self-driven recent graduate eager to leverage determination, enthusiasm, and strong work ethic in an entry-level role, while actively seeking growth opportunities and making meaningful contributions to organizational success.

EDUCATION

- **Master's in Computer Science, Purdue University, IN (2022-24) 3.74/4.0**
- **Bachelor's in Information Technology, Anurag Group of Institutions, India(2018-22) 8.54/10**
- Class XII, Narayana Junior College, India (2018) **98%**
- Class X, Bhashyam Public School, India (2016) **9.8/10**

TECHNICAL SKILLS

Programming Languages: JAVA, Python, C, C++, HTML5, CSS3, JavaScript

Frameworks: Spring MVC, JUnit, Spring Boot, React js, Node js, Express js

Operating Systems: Windows, Linux

Databases: MySQL, MongoDB

Cloud : AWS(EC2, S3, Lambda, RDS)

Other: Git, Eclipse, MS Word, Excel Sheet

INTERNSHIP EXPERIENCE

Saint Louis University, MO(Powered by GlobalShala)

June 2021 to July 2021

Role: Data Visualization Virtual Intern

- Optimized two underperforming ad campaigns on the Facebook platform for the Superhero U event's marketing team, resulting in a 25% increase in audience reach and a 15% reduction in advertising costs.
- Leveraged Excel Sheets, Google Studio, and Google Charts to conduct **comprehensive analysis, evaluation, and visualization of data sets**, facilitating informed decision-making processes.
- Orchestrated **project management** activities, including scheduling and coordination of frequent meetings, leading to a 90% adherence to weekly deadlines. **Facilitated cross-team communication** during weekly Check-In Meetings, contributing to a 15% increase in overall project efficiency.

PART-TIME EXPERIENCE

Purdue University

Role: Graduate Assistant

August 2022 to May 2024

- Contributed to the enhancement of University's website functionality and user experience through implementation of front-end and back-end features, utilizing **HTML, CSS, JavaScript and Java**.
- Assisted in **debugging and troubleshooting** website issues, ensuring optimal performance and functionality. Participated in team meetings and discussions to brainstorm ideas and provide input on website improvements and enhancements.
- Conducted thorough **testing and quality assurance** procedures to identify and resolve any issues or bugs in the website's functionality, ensuring a seamless user experience.
- Collaborated with cross-functional teams to integrate new features and updates into the website, aligning with **organizational goals and priorities**.

PROJECTS

Purdue Campus Map Improvement:

- Developed a web application that increased user engagement by 40% compared to the previous static map, providing dynamic and interactive features.
- Leveraged a tech stack encompassing **React Leaflet JS, Google Maps API, HTML, CSS, and JavaScript with React for UI, along with Node.js backend and MySQL database**. This contributed to a 25% boost in user satisfaction ratings.
- **Led a team of 11 members, achieving a 95% adherence to project deadlines and milestones** throughout the Software Development Life Cycle (SDLC), ensuring timely project completion.

HealthCare Management System:

- Developed a comprehensive **web application** to streamline healthcare services for hospitals, doctors, and patients, offering a centralized platform for service delivery and accessibility.
- Achieved a 20% improvement in user satisfaction ratings with the user-friendly UI developed using **HTML5, CSS3, Bootstrap, and JavaScript**, while reducing data processing time by 25% through the utilization of **Java** and **Spring Boot** framework for backend development.
- Ensured high availability and scalability of the system by hosting it on **EC2 Instance** and **RDS** in the **AWS Cloud**, resulting in 99.9% uptime and improved accessibility for users.

EXTRA CURRICULAR ACTIVITIES

- **Organized and hosted** the Undergraduate college's freshman event.
- **Head** of the Undergraduate college's literature club and Organized various events.
- Served as **Team Captain** for Throwball from School to Undergraduate level.
- Ranked among the **top 5 finalists** in the intercollegiate Master Orator Championship.