

Varshini D  
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## 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

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- **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**

## TECHNICAL SKILLS

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**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

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**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.
- Leveraged Excel Sheets, Google Studio, and Google Charts to conduct **comprehensive analysis, evaluation, and visualization of data sets**. Orchestrated **project management** activities, including scheduling and coordination of frequent meetings.

## PART-TIME EXPERIENCE

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**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. Conducted thorough **testing and quality assurance** procedures to identify and resolve any issues or bugs in the website's functionality

## PROJECTS

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**Purdue Campus Map Improvement:**

- Developed an interactive web application, 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

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- **Organized and hosted** the Undergraduate college's freshman event.
- **Head** of the Undergraduate college's literature club and Organized various events.
- Ranked among the **top 5 finalists** in the intercollegiate Master Orator Championship.