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

- **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

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.
- 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

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

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

- **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.