SHRADDHA

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EDUCATION

The University of Texas at Austin   May 2025
Master of Science, Information Technology & Management
Relevant Courses: Advanced Programming & App Development, Design Methods, Product Management, Business Data Science, Strategy IT & Change MAnagement, Big Data & Distributed Programming

Vellore Institute Of Technology | Vellore, India
Master of Computer Applications| 3.81 GPA   July 2019 - June 2021
Relevant Courses: Problem Solving with Data Structure & Algorithms, Database Technologies, Software Project Management, Object Oriented Programming using java, Data Mining & Business Intelligence

PROFESSIONAL EXPERIENCE

Accolite Digital - Hyderabad, India
Senior Software Engineer   January 2022 - June 2024
- Led a team of three members to deliver timely, accurate, and high-quality software solutions, including the **Aircraft Communication Addressing and Reporting System (ACARS)** application using Angular 12 and Spring Boot.
- Implemented route guards and engineered RESTful APIs for efficient, secure data exchange, and redesigned the interface to improve usability by 55%.
- Reported performance feedback of mentees to the project manager and contributed to project blueprints and quarterly planning.
- Selected to participate in the hiring process; conducted interviews with over 20 aspirants to select the best, innovative, and collaborative candidates aligned with team goals.
- Coordinated with stakeholders to gather requirements and ensured alignment with project goals.

Software Engineer Intern   July 2021 - January 2022
- Collaborated and worked in a team-oriented environment for all four aspects of product development: design, implementation, testing, and maintenance support
- Engaged in the software development life cycle process through scrum meetings; responsible for tracking and reporting the progress of developing projects and generate status updates

Tutree Inc - Hyderabad, India
Software Engineer Intern   February 2021 - July 2021
- Conducted performance analysis of code and systems; re-engineered the software development process to sustain load even during heavy traffic, resulting in a 10% increase in usage
- Engineered and extensively tested a hiring-focused web application over a five-month period, improving user experience for students and job seekers

TECHNICAL SKILLS

- **Programming Languages & Database, API tools:** Java 8, Python, Javascript, and Typescript, MySql, Oracle, NoSql, Postman
- **Libraries & Framework:** Material UI, Bootstrap, Hibernate, Spring Boot, Angular
- **Project Management Tools:** JIRA, VersionOne (FedEx internal tool)
- **Certificates:** Angular - The Complete Guide, Spring Data JPA Fundamentals (with Hibernate)

PROJECTS

- **Hook'em Hardware** – Leading a team of 4 in developing a web application to check hardware availability using ReactJs, Python, and MongoDB. Created and managed GitHub issues to track progress and ensure timely delivery of milestones.
- **Master Thesis:** Disaster Management Through Machine Learning Algorithms – Developed models to predict and manage disasters, focusing on improving response times and resource allocation.

ADDITIONAL INFORMATION

- **Work Eligibility:** Eligible to work in the U.S. due to S.T.E.M. certification; will require visa sponsorship for long-term employment.
- **Award:** Received Rising Star Award for mesmerizing performance and showing constant enthusiasm in development, and showing exceptional teamwork and dedication.
- **Mentor, Accolite University Program:** Guided a group of interns, providing training to prepare them for industry roles.
- **Guest Lecturer Experience:** Invited by a professor to deliver a guest lecture on Java Socket programming.