SHRADDHA

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GitHub • LinkedIn • Portfolio • Austin, Texas

EDUCATION

The University of Texas at Austin   May 2025
Master of Science, Information Technology & Management | 4 GPA
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| 9.43 CGPA   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, Software Engineer   January 2022 - June 2024
- Led a team of three engineers in transitioning ACARS from monolithic to microservices architecture, using Angular, Spring Boot, and CompletableFuture for parallel API execution, improving performance and reducing response times
- Developed and secured RESTful APIs using Spring Boot with JWT-based authentication via Okta, and improved interface usability by 55% through targeted design enhancements
- Mentored interns using performance feedback, conducted code reviews, provided technical guidance, and improved coding practices based on SonarQube results
- Selected to participate in the hiring process; interviewed over 20 aspirants to select the best, innovative, and collaborative candidates aligned with team goals
- Contributed to project planning and design; engaged in the software development lifecycle through scrum meetings using VersionOne for tracking progress and generating status updates

Software Engineer Intern   July 2021 - January 2022
- Optimized the Flight Planning system using OracleDB, integrating libraries like ArcGIS for precise plotting of flight routes on an interactive map; streamlined complex database queries to boost data retrieval efficiency
- Collaborated in all stages of product development, implementation, and testing within Agile scrum processes

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 five months, 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
- **Certificates:** Angular - The Complete Guide, Spring Data JPA Fundamentals (with Hibernate)

PROJECTS

- **Hook'em Hardware** – Led 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 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