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
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   July 2019 - June 2021
Master of Computer Applications

TECHNICAL SKILLS

- **Programming Languages, Database & API tools:** Java 8, Python, Django, Javascript, Postman, MySql, MongoDB, Docker
- **Libraries & Framework:** Material UI, Bootstrap, Hibernate, Spring Boot, Angular
- **Project Management Tools:** JIRA, VersionOne (FedEx internal tool)
- **Certification:** Snowflake- Hands-On Essentials: Data Warehousing Workshop, AWS: S3, EC2, Lambda – Learning

PROFESSIONAL EXPERIENCE

Dover Fueling Solutions - Austin, United States of America
Capstone Project - Project Lead/Developer   January 2025 - Present
- Developing a data annotation & centralized search tool using Django and MongoDB, reducing data retrieval time by 40%
- Building a RAG pipeline with a custom LLM for contextual queries, integrating scalable APIs within Docker to align with DFS's 'deploy-anywhere' methodology

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 Java Spring Boot.
- Implemented route guards, 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; interviewed over 20 aspirants to select the best, innovative, and collaborative candidates aligned with team 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 generating status updates

PROJECTS

AI-Powered Movie Recommendation Agent   February 2025 - Present
- Implementing a RAG pipeline with Upstash Vector DB to enable accurate and scalable movie recommendations while optimizing costs and token limits
- Writing evals to measure LLM and tool accuracy, ensuring better guardrails with human-in-the-loop best practices

Pretty Wiki – Chrome Extension: December 2024 - Present
- Implementing customizable themes, font styles, and layout optimizations to enhance Wikipedia's content readability and aesthetic appeal using JavaScript, HTML, and CSS

Hook'em Hardware: July 2024 - September 2024
- 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

ADDITIONAL INFORMATION

- **Selected as Student Ambassador for Texas McCombs MS Programs:** Represent the school and engage prospective students while serving as a liaison between the MS programs and the student body
- **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