

# SHARADHA SHIVAKUMAR

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## EDUCATION

**George Mason University**

Fairfax, VA

**Master of Science (MS) Computer Science-**

Expected Graduation - **May 2024**

**Relevant Courses:** Mathematical Foundation in CS, Theory and Application of Data Mining, Fundamentals of System Programming, Decision Making and Reinforcement Learning, Software Testing, Software Engineering for WWW, Database Management Systems, Analysis of Algorithms, Software Design and Architecture

**Rajalakshmi Engineering College**

Chennai, India

**Bachelor of Engineering (BE) Computer Science and Engineering May 2021 CGPA: 8.85/10 First Class with Distinction Pass**

## SKILLS

- **Proficient Programming Languages**-Python, C, Oracle SQL
- **Familiar Programming Languages**- Java, C++, C sharp, ASP Dotnet, JSP, Entity Framework, JDBC, jQuery, Git
- **Frontend Technologies**- HTML, CSS, JavaScript, Bootstrap, Ajax, React JS, Angular
- **Backend Technologies**- SQL, Node JS, Mongo DB, Mongoose
- **Software Testing**- JUnit Testing, Cucumber Testing, Input Space Coverage, Graph Space Coverage, Logic Coverage
- **Development Framework and Tools**: Eclipse, Microsoft Visual Studio, IDE, Oracle, NetBeans, Android Studio, GitHub, Google OR-Tools, Probabilistic Roadmap (PRM), Jira
- **Data Analytics**- Matplotlib, NumPy, Pandas, seaborn, Scikitlearn, JupyterNotebook, NLTK
- **Cloud Platform**- AWS, Microsoft Azure
- **Containerization Technology**: Docker
- **Microsoft Dynamics 365**: MB900, MB910

## PROFESSIONAL WORK EXPERIENCE

**Frontend Developer Intern, SkyIT Services**

Jun 2023-Aug 2023- Remote, Bahrain

- Developed responsive web pages with HTML, CSS, JavaScript, and React JS.
- Designed user-friendly, branded interfaces, and ensure cross-browser compatibility.
- Collaborated with backend developers and managed code efficiently using Git.
- Proactively proposed solutions for enhanced performance and user engagement.

**Programmer Analyst Trainee, Cognizant Technology Solution**

Aug 2021-Apr 2022- Chennai, India

- **Role**-Microsoft CRM Developer.
- Collaborated with business analysts to customize Microsoft CRM, develop workflows, and configure Dynamics CRM using JavaScript and CRM SDK.
- Managed project documentation and Jira tickets, ensuring efficient development and issue resolution.
- Leveraged technical skills including Microsoft Dynamics MB-910, MB-900, JavaScript, C#, and web development to deliver robust solutions.
- Achieved a 5% project productivity increase through effective communication and collaboration with the development team.

**Software Developer Intern, Mediawings Bahrain WLL**

Sep 2020-Dec 2020- Bahrain

- Collaborated with marketing at a startup company to align technical solutions with data-driven insights, optimizing web content and enhancing user experience through responsive web development (HTML, CSS, JavaScript, Angular, Node JS).
- Integrated and analyzed marketing content for website effectiveness and improved user engagement with SEO adaptation based on data insights, ensuring cross-device compatibility and code optimization.

## PROJECTS

**Flight Operations Management System across multiple airports**

George Mason University- Apr 2023

- Developed a Java-based Oracle SQL testing application using Java Swing for flight operations across multiple airports. Additionally, created a 3-tier mobile app with Java Servlets, JSP, and Android Studio, providing comprehensive flight management capabilities. Integrated ER diagram for structured database design

**Sentiment Analysis**

George Mason University- Sep 2022

- Conducted sentiment analysis on movie reviews, implementing KNN, Naive Bayes, and K-means algorithms from scratch to measure correlations and select the best approach.

**Full-Stack Portfolio Website**

George Mason University- Oct 2023

- Created a versatile portfolio website with HTML, CSS, JavaScript, AJAX, Bootstrap, Angular, and React, highlighting expertise in web development.
- Implemented the backend using RESTful Web Services, JDBC or JPA, and Spring Boot, showcasing strong full-stack development skills.