Rakshini Jesudoss

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EDUCATION

University of Massachusetts   Boston, MA
Master of Science, Information Technology   *Sep. 2022 – May 2024*

Loyola ICAM College of Engineering and Technology   Chennai, India
Bachelor of Technology, Information Technology   *July 2017 – Sep. 2021*

EXPERIENCE

Senior Analyst, Application Development   June 2024 – Present
CVS Health   *Woonsocket, RI*
- Addressed over 300 security vulnerabilities by implementing a comprehensive remediation strategy, enhancing system security
- Managed the migration of 15+ microservices to the latest Spring and JDK versions, resolving transition errors effectively

IT Retail Pharmacy System Intern   May 2023 – Aug. 2023
CVS Health   *Woonsocket, RI*
- Developed an immunization dashboard using React and Java, implementing CRUD operations and optimizing data management and visualization
- Demonstrated expertise in designing and executing functionalities for data management, manipulation, and visualization

Program Analyst Trainee   Sep. 2021 – June 2022
Excelacom Technologies   *Chennai, India*
- Enhanced front-end functionality and resolved UI-related bugs, improving user experience
- Managed Oracle SQL databases for data integrity and security, and reduced project risks by 20% through risk management reports and JIRA

Program Analyst Intern   March 2021 – Sep. 2021
Excelacom Technologies   *Chennai, India*
- Developed and maintained web applications using HTML, CSS, and JavaScript
- Conducted thorough testing to ensure smooth functionality and user experience

PROJECTS

Global Climate Change | *Tableau, MS Excel*   Oct. 2022 – Dec. 2022
- Analyzed global greenhouse gas emissions to understand its major contributors in terms of countries, industries etc
- Provided recommendations using story feature in Tableau to mitigate increase in emissions by suggesting alternative sources based on historical, geographical and geo-political data

Seed Grading System | *MATLAB, C*   May 2021 – Aug. 2021
- Developed a seed grading system employing Region Grow Algorithm, image segmentation, and Sobel Edge masking to accurately grade seeds for better cultivation

Indoor Navigation System | *Android Studio, Java, XML, SQL*   Sep. 2020 – Dec. 2020
- Designed and implemented a mobile app using Android Studio and SDK for indoor navigation within Loyola ICAM College, enhancing campus accessibility

TECHNICAL SKILLS

Languages: Java, Python, C, SQL (Oracle), JavaScript, HTML/CSS
Frameworks: React, Spring
Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Spring Tool Suit, Tableau
Project Management Tools: JIRA, Rally