

Radha Mohan

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EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Electronics and communication engineering 8.45 CGPA

Chennai, India

Aug 2018 - Aug 2022

SKILLS | Software Engineer (2 yrs)

- Web Development, Software Development, Backend Development, Micro-services, Git, Agile Methodologies
- C++,Java,SQL

EXPERIENCE

NCR Corporation | Software Engineer

Jan 2022 - Present

- Built **NCR NeoCenter**, flagship Dashboard Web application for ATM management
- Architected and executed the migration of a **monolithic** application to docker-based containers, streamlining development and deployment processes, leading to a **30 per.** increase in system stability and scalability
- Transformed the performance of Dashboard page by replacing standard **SQL** scripts with central stored procedure scripts, achieving an outstanding **80 per.** enhancement in loading time of **400k+** terminal information from 2.6 sec to 0.3 sec
- Developed and implemented innovative product features using **Java** and **Springboot** framework, leading to a **15 per.** increase in development efficiency and a **20 per.** reduction in software bugs reported by end users
- Coached **5 interns** to transition from fresh college graduates to software engineers, helped interns to grow in technical, communicative and inclusion aspects

Capillary Technologies India Pvt Ltd | SDET Intern

Sep 2021 - Dec 2021

- Streamlined cross-functional efforts with the core **Platforms** team to ensure robust maintenance and rigorous testing of **REST API** at scale, managing millions of API calls, achieved a **40 per.** reduction in response time and a **25 per.** decrease in error rate
- Orchestrated the successful migration of **2000+** test-cases from legacy framework to **Pytest**, improved test execution time and enhanced test reliability and maintainability
- Streamlined development and testing workflows by integrating **Test-Driven Development (TDD)** and **Agile Methodology**, resulting in a reduction in software defects and an increase in customer satisfaction ratings

PROJECTS

Spam Call Detection Application | Android Studio, Java, NLP

May 2021 - Jun 2021

- Implemented an Android application using Android Studio, **Java**, and XML to detect fraud during real-time calls, leveraging machine learning algorithms, reducing fraudulent activity and leading to significant cost savings
- Teamed with 5 students in brainstorming and implementing **Natural language programming methods** to classify data from caller's voice
- [View Project](#)

AI Based Financial Consultancy | Machine learning ,Python,Flask,HTML,CSS

April 2021 - Jun 2021

- Pioneered the creation of a web-based AI application, employing models like linear regression, sentiment analysis, NLP, and Flask framework, to detect and analyze future trends of listed companies; revolutionizing investment strategies and driving significant revenue growth
- [View Project](#)

ACHIEVEMENTS

- Got a rank of **340** out of 4700 people appearing for February CodeChef Starters 2021 contest
- GeeksforGeeks practice rank of **23** out of **1700** students in VIT chennai
- Highest rating of **1708(3 star)** at **Codechef**

PROFILE

- [Leetcode](#)
- [GeeksForGeeks](#)
- [Codechef](#)