

Y M YAMINI

SOFTWARE DEVELOPER

CONTACT

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TECHNICAL SKILLS

- Java Programming
- Data Structures
- MySQL
- ReactJS
- Web Development
- Spring Framework
- Cloud Computing
- Python Programming

EDUCATION

B.Tech Information Technology

Sri Krishna College of Engineering and Technology

Cumulative Grade Point

Average(CGPA): 7.43/10

2021-2025

M. Nanjappa Chettiar

Matriculation Higher Secondary School

HSLC: 91%

SSLC: 88%

2021

LANGUAGES

- English
- Tamil

HOBBIES

- Playing Chess.
- Coding
- Listening to music.
- Playing with dogs.
- Gardening

SKILLS

- Good in Problem - Solving and Analytical skills.
- Strong Verbal and Communication abilities.
- Ability to work collaboratively in a team environment.
- Self-motivated and eager to learn new technologies.

PROFILE

Recent Computer Science graduate with a strong command of Java, SQL, Cloud computing, React.js, and the Spring framework. Proficient in designing and implementing data structures, and with a solid understanding of cloud technologies. A quick learner with a solid foundation in Spring, eager to contribute technical expertise to drive innovation in software development projects.

PROJECTS

Weed Identification and Classification for Vegetables Plantation

Build Using Python, TensorFlow, and Flask

- Designed and developed a deep learning-based system to identify and classify weed types (broadleaf, grass) from crop and soil images using Neural Architecture Search (NAS), outperforming traditional CNN models in accuracy.
- Created a Flask web application that allows users to upload field images (.tif, .jpg, .png) for real-time weed classification and receive weed control recommendations.
- Integrated preprocessing and data augmentation techniques to improve model generalization and accuracy on limited datasets. The system promotes sustainable farming by minimizing manual labor and herbicide overuse.

Stock Management Application

Build Using React JS and Spring Boot

- A stock management application is a software solution designed to facilitate the efficient tracking, monitoring, and management of inventory within an organization.
- Developed a full-stack Stock Management App using React.js for an intuitive UI and Spring Boot for robust backend, showcasing proficiency in seamless CRUD operations and technology integration for efficient user-friendly applications.

Online Mobile Recharge Application

Build Using React JS and Spring Boot

- Designed and implemented an Online Mobile Recharge Application using React.js for the frontend and Spring Boot for the backend, enabling seamless user transactions and CRUD operations.
- The application allows users to conveniently recharge their mobile phones online, providing a secure and user-friendly platform for transactions. I implemented CRUD operations to manage user accounts, recharge history, and payment details, ensuring data integrity and system reliability.

Meeting Room Booking System

Build Using Eclipse

- Designed and implemented an Online Meeting Room Booking System as a console-based application using Java, aimed at streamlining and automating the process of managing meeting room reservations for organizations in real time.
- The application allows users to book, cancel, and check the availability of meeting rooms while ensuring conflict-free scheduling. I implemented role based access for admin and users, file-based data storage for persistence, and optimized operations to maintain data consistency, reliability, and an efficient user experience.

CERTIFICATIONS

- Cisco - Programming Essentials in Python.
- Cisco - Enterprise Networking, Security, and Automation.
- Cisco - Switching, Routing, and Wireless Essentials.
- NPTEL - Ethics in Engineering Certification.
- NPTEL - Technical English for Engineers Certification.
- Certificate of Completion for AWS Academy Graduate.
- Infosys Spring Board Certifications.