



# HemaSupriya Maddu

Software Engineer

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## WORK EXPERIENCE

- Java Backend Developer**  
Larsen & Toubro Technology Services  
06/2021 - Present Mysore
- Achievements/Tasks*
- Developing and maintaining the back-end systems of various web applications using Java, Spring, and Hibernate.
  - Designed and implemented RESTful APIs to communicate with the front-end.
  - Collaborated with the front-end developers to ensure seamless integration between the front-end and back-end systems.
  - Participated in code reviews and provided constructive feedback to team members.
  - Improved the performance and scalability of the applications by optimizing database queries and implementing caching strategies.
  - Developed unit tests to ensure the quality and reliability of the code. Provided technical support to the QA team during testing and bug fixing phases.
  - Implemented security measures to protect sensitive data and prevent unauthorized access.
  - Designed and implemented data models for the database using PostgreSQL databases.
  - Junit for UnitTesting.
  - Reading data from AWS files and uploading to the Database.

## EDUCATION

- B.Tech**  
Sri Vasavi Engineering College  
07/2016 - 08/2020 8.45
- Courses*
- Computer Science & Engineering
- Intermediate**  
Krishnaveni Junior College  
06/2014 - 04/2016 98
- Courses*
- Maths

## SKILLS

- Java PostgreSQL C# MSSQL
- DataStructures Algorithms Azure
- Hiberante AWS Git Jira Springboot
- Spring Python

## PERSONAL PROJECTS

- Crop Yield Prediction**
- Predicts the best crop based on the parameters like season, rainfall, month.
  - Technologies used : Python, ML, AWS.
- Grading System**
- Gets the students details and helps student in improvements.
  - Technologies used : C#,MSSQL,Html.

## ACHIEVEMENTS

- Solved 500+ DSA problems on Scaler.
- Earned badges of Problem Solving, Python, Java, C  
[https://www.hackerrank.com/hemasupriyamaddu?hr\\_r=1](https://www.hackerrank.com/hemasupriyamaddu?hr_r=1)
- Certificate of Completion ProblemSolving, Python, Java & C on Hackerrank  
[https://www.hackerrank.com/hemasupriyamaddu?hr\\_r=1](https://www.hackerrank.com/hemasupriyamaddu?hr_r=1)
- Bagged 1st prize in Hackathon conducted in Sri Vasvi Engineering College.

## LANGUAGES

- English  
Full Professional Proficiency
- Telugu  
Native or Bilingual Proficiency
- Hindi  
Full Professional Proficiency