# Varshitha R

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## Career Objective

Motivated computer science graduate skilled in Java, SQL, and web development, eager to leverage academic foundations in software engineering. Seeking a challenging role to apply and expand expertise in innovative software projects. Excited to collaborate with dynamic teams and contribute to delivering high-quality solutions in a professional environment..

## Education

**S J C Institute of technology**                                                                    2020-2024
*Bachelor of Engineering in Computer Science (CGPA: 8.89 / 10.0)*                  *Chickaballapur, Karnataka*

**Vidyadri P U College**                                                                                  2018-2020
*Pre-university course in PCMB (Percentage : 95)*                                           *Chickaballapur, Karnataka*

**S J C Rural Vidyaniketan**                                                                         2017-2018
*Secondary School Leaving Certificate (Percentage : 95.04)*                           *Bangalore rural, Karnataka*

## Projects

**E-Commerce Management System** | *MySQL, HTML, CSS, JavaScript*
- Designed and implemented a robust relational database schema to manage product catalog, customer information, orders, and inventory.
- Developed a user-friendly interface for browsing products, managing shopping carts, and account login and registration processes.
- Optimized database performance through stored procedures and triggers, and implemented security measures to protect customer data.

**Recognition of Plant disease using deep learning approaches** | *Flask, TensorFlow, PyTorch, Convolution Neural Network*
- Developed a Deep learning model using TensorFlow and Keras to achieve over 97.67 accuracy in recognizing plant diseases from images, enhancing early detection.
- Implemented pre-processing techniques to handle high variability in plant appearance, ensuring robust and generalized model performance across different environmental conditions.
- Demonstrated practical applications of deep learning in agriculture, providing a scalable and cost-effective solution for farmers.

## Technical Skills

**Languages**: Java, C, Python
**Web Technologies**: HTML, CSS, JavaScript
**Database**: SQL
**Software development tools**: Visual Studio code,Sublime text,Eclipse
**Relevent courses**: Data structures,Computer Networks

## Certification

**Azure AI Fundamentals** - *Microsoft*
**Introduction to HTML,CSS and JavaScript Authorized by IBM** - *Courseera*
**ESG Virtual Experience Program** - *Forage*

## Achievements

- Achieved 5 Star gold badge in Python programming and SQL at Hacker Rank.
- Published paper on the research of plant disease recognition using deep learning at IEEE Xplore.
- Participated in Smart India Hackthon 2022 held in our college.