

# NIRMITHA S

✉ [nirmithas2002@gmail.com](mailto:nirmithas2002@gmail.com) | ph. +7795751464 | LinkedIn: <https://www.linkedin.com/in/nirmitha-s>

## SUMMARY

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Result oriented Post Graduate Student in Computer Science And Engineering. I have a motivated attitude and bring forth variety of powerful skills. I possess good leadership skills, team building qualities and I have the ability to establish and maintain excellent communication and relationships with clients.

## EDUCATION

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SCHOOL	70%	grad 2017
Rural Girls High School		
B.E in Computer science And Engineering	CGPA – 6.23	grad 2024
Government Engineering College Ramanagara , VTU, India		
M.Tech in Computer science And Engineering	CGPA – 8.51	grad 2025
BNM Institute Of Technology (currently in 2 <sup>nd</sup> Year)		

## TECHNICAL SKILLS

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Programming Languages : JAVA full stack , HTML,CSS,JS,DSA

Databases: MySQL

AI & ML: Basic knowledge of Machine Learning concepts  
(supervised/unsupervised learning, regression, classification), familiarity with AI fundamentals

Operating systems: Windows

## PROFESSIONAL EXPERIENCE

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- A) INTERNSHIP AT VARCONS TECHNOLOGIES Pvt. Ltd  
Full Stack Web Development Internship organized and handled by Varcons Technologies Pvt. Ltd (2 months) . worked on a project title Template for a Tech Startup Landing Page.
- B) INTERNSHIP AT JSPIDERS  
JAVA Development internship organized and handled by JSpider's . worked on a project title Vehicle management system

## ACADAMIC PROJECTS

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### 1.MORSE CODE BASED PASSWORD AUTHENTICATION SYSTEM

The project basically explains the two-factor authentication system which enhances the security. Two factor authentications are basically providing two layers of security to protect an information system. Here we are making use of facial feature recognition, gaze-based authentication or eye blink in order to convert numbers or alphabets into morse code thereby increasing the security.  
This system can also help people who are physically challenged to authenticate information systems securely.

### 2. WEB APPLICATION ON PET SITTING STARTUP

Web page showcase the services provided by the pet sitters for the pet owners which is useful for both of them. It also provides user friendly experience and one-stop shop for pet lovers .

### 3. AUTORENTHUB – Web-based Vehicle Rental Management System

Developed a full-stack web platform for car rental services using **PHP, MySQL, HTML5, CSS3, and JavaScript**. Implemented features such as online reservations, automated invoicing, simulated payment gateway, vehicle inventory management, and booking approvals. Enhanced usability and operational efficiency through real-time updates, feedback analysis, and error reduction in rental transactions.

#### **4. PLANT LEAF DISEASE PREDICTION AND CLASSIFICATION USING DEEP LEARNING**

Developed a deep learning-based model to detect and classify Tomato leaf diseases using CNN and transfer learning . Achieved ~97% accuracy in disease classification on the Kaggle dataset through model training and evaluation. Built a prototype mobile application to capture leaf images, perform real-time disease detection, and provide treatment suggestions. Applied evaluation metrics such as accuracy, precision, recall, and F1-score for performance analysis.

#### **CERTIFICATIONS**

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##### **INFOSYS SPRINGBOARD**

- Programming using java
- Basics of Python
- Fundamentals of the C Programming
- Essential of Cloud Computing

##### **UDEMY**

- Blockchain

##### **JSpider's**

- Java Full stack

#### **LANGUAGES**

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English , Kannada