

# Shweta Maharana

Portfolio | LinkedIn

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## EDUCATION

### BHARATI VIDYAPEETH COLLEGE OF ENGINEERING FOR WOMEN

B.E. IN INFORMATION TECHNOLOGY

June 2020 - June 2024 | Pune

CGPA: 8.26/10

### LANA HOSHING JUNIOR COLLEGE

July 2018 - May 2020 | Jamkhed

Class XII Percentage: 71.69%

### KANYA VIDYALAYA

June 2013 - June 2018 | Jamkhed

Class X Percentage: 87.40%

## LINKS

Github

LinkedIn

GeeksForGeeks

Hacker Rank

LeetCode

## SKILLS

### PROGRAMMING:

- Problem Solving • DSA
- OOP • DBMS • OS

### LANGUAGES:

- C • C++ • Java

### WEB DEVELOPMENT:

- HTML • CSS

### DATABASE:

- MySQL • SQL

### OPERATING SYSTEM:

- Windows • Linux

### FAMILIAR:

- Git • GitHub • SDLC • STLC

### IDE / TOOL

- DevC++ • Visual Studio

### SOFTWARE TESTING AUTOMATION FRAMEWORK:

- Selenium

## HOBBIES

- Reading Books
- Playing Games
- Drawing & Painting
- Listening to Music

## PROJECTS

### CHAT APPLICATION – SERVER & CLIENT | WEB DEVELOPMENT

- Engineered a two-way communication system using Java socket programming, establishing real-time data exchange between client and server applications running on separate command lines.

### EDUCATIONAL AND CHARITY WEBSITE | WEB DEVELOPMENT

- A website which contains educational and charity content with using html, css and javascript.

### ACCURATE PREDICTION OF SEPSIS IN ICU PATIENT | MACHINE LEARNING & WEB DEVELOPMENT

- Developed an early sepsis detection model using Random Forest and SOFA/qSOFA scores, & launched website to raise awareness & provide healthcare professionals access.

## RESEARCH PAPER

### IJCRT JOURNAL ARTICLES PUBLISHED

Published and authored a research paper titled "Accurate Prediction Of Sepsis In ICU Patients", Available at :PDF| LINK

## MAIN COURSEWORK

Data Structures, Design and Analysis of Algorithms, Computer Architecture, Database Management Systems, Operating Systems, SDLC, Devops, & Blockchain technology.

## CERTIFICATES

### CORE2WEB - JAVA & DSA CERTIFICATE LINK

**COPYRIGHT & PATENT** "ACCURATE PREDICTION OF SEPSIS IN ICU PATIENTS" FROM THE INTELLECTUAL PROPERTY OFFICE, INDIA. CERTIFICATE LINK

## ACHIEVEMENTS

- **B Garde**, in elementary and intermediate drawing exam.
- Solved 300+ problems across various coding platforms.
- **Mathematics Achievement** : - Scored 95/100 in Mathematics in HSC )

## EXTRA CURRICULAR

- Member of Student Council in the year 2022-2023
- Participated in different competitions in "Tech-tonic" events.

