



# Bhumika Chitte

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## EDUCATION

|  |                  |
|--|------------------|
| <b>BE in Computer Engineering  9.31</b>        | <b>2023-2026</b> |
| Amrutvahini College of Engineering,            | Sangamner        |
| <b>Diploma in Computer Engineering  88.46%</b> | <b>2020-2023</b> |
| S.M.D.R. Government Polytechnic,               | Dhule            |
| <b>SSC   95.60%</b>                            | <b>2019-2020</b> |
| Janta Highschool                               | Shindkheda       |

## Skills

**Programming Languages:** C, C++, Java, Python, PHP

**Web Development:** HTML, CSS, JavaScript, MERN Stack, Flask, Django

**Databases:** SQL, PL/SQL, MongoDB

**IoT System:** Arduino, Raspberry Pi, FPGA

**Tools:** VS Code, Eclipse, POSTMAN, GitHub, Jupyter

**Operating Systems:** Windows, Ubuntu

## Projects

|  |      |
|--|------|
| <b>Data Structure Algorithm Visualization System   Web Development</b>   | 2024 |
| Tech Stack: HTML, CSS, JavaScript  |      |
| <ul style="list-style-type: none"><li>Visualizes internal working of various data structures like Stack, Queue, Array, etc., helping students better understand operations through animations.</li></ul> |      |
| <b>Gunshot Direction Detection System   Internet of Things</b>   | 2024 |
| Tech Stack: Python, FPGA, Microphones  |      |
| <ul style="list-style-type: none"><li>IoT-based system using microphone array and TDOA logic to determine the direction from which a gunshot originated.</li></ul>                                       |      |
| <b>Automated Paperless Transparent College System   Web Development</b>  | 2025 |
| Tech Stack: MERN( MongoDB, Express.js, ReactJs, Node.js),Potman  |      |
| <ul style="list-style-type: none"><li>Web-based system to manage digital complaints, voting, and budgeting functionalities within an educational institute.</li></ul>                                    |      |
| <b>SentiAI: Real-Time Sentiment Analysis System   Web Development &amp; Machine Learning</b>   | 2025 |
| Tech Stack: React.js, Flask, BERT, MongoDB   |      |
| <ul style="list-style-type: none"><li>Real-time sentiment analysis tool for social media comments using a fine-tuned BERT model; includes visual analytics and comment filtering.</li></ul>              |      |

## EXPERIENCE

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- Intern at Zensar/RPG Foundation  
Training in Java, Python, SQL focused on employability skill development

## ACHIEVEMENTS

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3rd Rank – Tech-Fusion Competition

2nd Rank – PBL Competition

3rd Rank – Sumedh's Coding Competition

3rd Rank – AI Visionaries Competition

Finalist – SIH 2024

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