# TINESH WARKE

**Aspiring Software Developer**
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LinkedIn | GitHub

## PROFESSIONAL SUMMARY

Enthusiastic Computer Science graduate with a strong foundation in Java, C++, and algorithm design. Proven success in developing online voting systems and sign language recognition projects, eager to leverage my skills in a dynamic software development role.

## EDUCATION

**Post Graduate Diploma in Advanced Computing [C-DAC]**
Institute for Advanced Computing and Software Development
2023 – 2024 | Percentage: 81.75%

**Bachelor of Technology in Computer Science [B.Tech]**
R. C. Patel Institute of Technology
2019 – 2023 | CGPA: 7.34

## SKILLS

**Programming Languages**: C, C++, Java, Python, C#, SQL, JavaScript, TypeScript
**Frameworks & Tools**: Spring Boot, React, NodeJS, Express.js, Microservices, Git, Docker
**Databases:** MySQL, MongoDB

## PROJECTS

### Map My Story

- **Technologies:** MongoDB, Express, React, Node.js
- **Description:** MapMyStory is an innovative platform built using the MERN stack that allows users to share their personal stories and experiences by pinning them on an interactive map. Whether it's a travel adventure, a cultural insight, a personal milestone, or simply a memorable moment, every story is valuable and helps connect us all through shared experiences.
- **GitHub Repository:** GitHub - MapMyStory
- **Link:** MapMyStory

### e-Nirvachan: Online Voting System

- **Technologies:** React, Microservices, J2EE, Express.js, C#, MySQL
- **Description:** Developed a secure online voting system to enhance electoral participation, focusing on robust security and process optimization. Designed and implemented the front-end using React and developed microservices for voting and user authentication. Integrated the system with MySQL for secure data storage, achieving a 50% reduction in voting process time. Led a team of 2 developers to successfully deliver the project within 3 months.
- **GitHub Repository:** GitHub - e-Nirvachan

### Sign Language Recognition Using Deep Learning

- **Technologies:** Python, Convolutional Neural Networks (CNNs), OpenCV, Keras
- **Description:** Created a sign language recognition tool to facilitate communication for the deaf and hard-of-hearing communities, achieving a 90% accuracy rate in real-time sign recognition. Designed the neural network architecture using Keras and TensorFlow, processed and annotated datasets with OpenCV, and developed a user-friendly interface for real-time sign recognition. Conducted extensive testing and model optimization to ensure high performance and reliability.
- **GitHub Repository:** GitHub - Sign Language Recognition

## LANGUAGES

Marathi: Native | English: Fluent | Hindi: Fluent