# Tinesh Warke

Aspiring Software Developer
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## PROFESSIONAL SUMMARY

I am Tinesh Warke, a passionate software engineer with a strong focus on creating innovative and user-friendly applications. I specialize in full-stack development, with a proven track record of delivering projects like **Map My Story**, an interactive map-based storytelling platform, and **e-Nirvachan**, a secure online voting system. My expertise spans modern frameworks such as **Next.js**, **Spring Boot**, and the **MERN stack**. I thrive in fast-paced environments, constantly learning and applying emerging technologies to solve complex problems. I am driven by the satisfaction of transforming ideas into impactful solutions that improve user experiences.

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## 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

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## TECHNICAL SKILLS

- **Languages:** C, C++, Java, Python, C#, JavaScript, TypeScript
- **Frameworks & Tools:** Spring Boot, Next.js, React, Node.js, Express.js, Tailwind CSS, Git, Microservices
- **Databases:** MySQL, MongoDB

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## PROJECTS

### Portfolio Website
**Technologies:** Next.js, TypeScript, Tailwind CSS
- Designed a single-page application with smooth animations and transitions using Framer Motion.
- Built a responsive layout to ensure optimal experience across devices.
- Created visually appealing project descriptions and insights into the full-stack development journey.
**Links:** GitHub | Live_Demo

### Map My Story
**Technologies:** MongoDB, Express, React, Node.js
- Implemented interactive map-based user interface using React for seamless story sharing.
- Integrated MongoDB for efficient data storage and retrieval, ensuring high availability of user stories.
- Optimized user experience across devices with responsive design principles.
**Links:** GitHub | Live_Demo

### e-Nirvachan: Online Voting System
**Technologies:** React, Spring Boot, J2EE, MySQL
- Developed secure authentication module using Spring Boot to protect user data.
- Integrated MySQL for reliable storage of voting records and user information.
- Reduced voting process time by 50% through optimization of backend processes.
- Ensured accessibility and scalability of the system for large user bases.
**Links:** GitHub

### Sign Language Recognition Using Deep Learning
**Technologies:** Python, Convolutional Neural Networks (CNNs), OpenCV, Keras
- Developed a real-time sign language recognition tool using CNNs to improve communication for deaf communities.
- Utilized OpenCV for gesture detection and Keras for deep learning model implementation.
- Achieved 90% accuracy in sign language recognition through extensive testing and model tuning.
**Links:** GitHub

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