

# YOGIRAJ NIMBALKAR

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## Summary

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I am a highly motivated and enthusiastic Electronics and Telecommunication Engineering graduate with a strong academic foundation. Full-stack developer with expertise in JavaScript (React, Node.js) and cloud-based web applications. Proficient in C/C++ for embedded systems and Java for backend development. Possess strong analytical and problem-solving skills, with a keen interest in applying technical knowledge and driving innovation. Eager to contribute effectively in a dynamic and challenging professional environment.

## Education

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- I have graduated with a **Bachelor of Engineering (B.E.) in Electronics and Telecommunication Engineering** from **Dr. D.Y. Patil Institute of Technology, Pimpri, Pune**, with an aggregate **CGPA of 7.50**.
- I completed my **Higher Secondary Certificate (HSC)** from **Bharat English School and Junior College, Shivajinagar, Pune** in **2020**, securing **63.85%**.
- I completed my **Secondary School Certificate (SSC)** from **A.W. Sidhu Vidya Bhavan, Aundh, Pune** in **2018**, securing **90%**.

## Projects

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### 1. Project: Fashion-Hub – E-Commerce Website

- A responsive **e-commerce platform** for online fashion retail.
- Built **user interface with React**, ensuring a seamless and interactive shopping experience.
- Implemented **features such as product catalog, shopping cart, order management, and user authentication**.
- Utilized **front-end and supporting web technologies** to deliver a scalable and user-friendly solution.

### 2. Project: Attendance Monitoring System

- Created a professional **front-end website** to monitor and manage student attendance.
- Designed user interface using **HTML, CSS, and JavaScript**, ensuring usability and clarity.
- Applied **front-end development skills and database integration** for efficient data handling.

### 3. Project: Implementation of Image Processing in Traffic Light Control (Team Size: 3)

- Built a system to **optimize traffic flow** at intersections and provide priority clearance for emergency vehicles.
- Implemented **image processing techniques** using **Python** to detect and manage traffic density.
- Utilized **SQL for data management** and applied **problem-solving approaches** for real-time scenarios.

## Internship

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- **Campus Credentials in association with Dr. D.Y Patil Institute of Technology :**  
Completed internship training focused on the fundamentals of Python programming and data structures. Improved practical skills in coding, problem-solving, and programming logic.

## Certifications

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- **Web Development Essentials** (I.T.Vedant , 2025)
- **JavaScript Essentials** (I.T.Vedant , 2025)
- **React Essentials** (I.T.Vedant , 2025)
- **Java** (I.T.Vedant , 2025)

## Skills

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- **Frontend Development:** HTML, CSS, JavaScript, React.
- **Backend & Full-Stack:** Java (Spring Boot), SQL.
- **IDE and Editors** - Eclipse, Visual Studio Code.
- **Tools & Version Control:** Git, GitHub, Visual Studio Code.

## Languages

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- **English**
  - **Marathi**
  - **Hindi**
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