

# Saptgiri Yangal

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## Objective

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Aspiring software engineer with strong fundamentals in data structures, algorithms, and web development, seeking an opportunity to apply problem-solving skills and build scalable, efficient software solutions while continuously learning and growing in a collaborative environment.

## Skills

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**Programming Skills:** JavaScript, Python, C/C++, SQL

**Frameworks & Libraries:** Node.js, Express.js, React, Redux, TailwindCSS

**Web Technologies:** HTML, CSS, Rest API's

**Databases:** MongoDB, MySQL

**Tools:** Git, GitHub, Postman

## Projects

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**E-commerce Platform** | *Node.js, Express.js, React, MongoDB, Redux*

- Developed a production-ready full-stack e-commerce web application and optimizing front-end performance (40% faster load times), and enforcing end-to-end security best practice
- Optimized API requests and Redux state management, improving data flow efficiency by ~40%.
- Developed a fully functional shopping experience including product listings, filters and cart management.
- Integrated JWT authentication for secure, token-based user access.
- Implemented mobile-first design, improving mobile page load times by 30% and standardizing responsive layouts, optimizing assets (images/CSS/JS), and enforcing performance budgets

**Portfolio Website** | *React, TailwindCSS, JavaScript*

- A minimal, fast, and mobile-first portfolio showcasing my projects, skills, and background.
- Built with React and Tailwind CSS, it features smooth transitions, a clean layout, and dark mode for a modern UX.
- Designed a fully responsive and lightweight interface using Tailwind CSS.

## Education

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**N.K. Orchid college of Engineering**

*B.Tech in Electrical Engineering*

Solapur, Maharashtra

*Jul 2022 — Jul 2026*

**D.B.F Dayanand College of Arts and Science**

*HSC (12th Standard)*

Solapur, Maharashtra

*Mar 2020 — Mar 2022*

**P.S.E.M.S High School**

*SSC (10th Standard)*

Solapur, Maharashtra

*Mar 2015 — Mar 2020*

## Certifications

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**Software Engineer**

*HackerRank*

Credential ID: CDBB31C21840

*Jan 2025*

**Postman API Fundamentals Student Expert**

*Postman*

*Jan 2025*

## Awards & Honors

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**LeetCode 200 days Badge**

*LeetCode*

solved problems for 200 plus days on LeetCode Platform

*Dec 2025*