

# SATYAM NALKAR

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## SUMMARY

Detail-oriented Computer Science graduate specializing in frontend development. Proficient in ReactJS and Tailwind CSS, with hands-on experience building responsive user interfaces. Eager to contribute my skills to a challenging Software Developer role.

## PROJECT

- **Home Chef Hub** | [github](#)

Jul 2024 - May 2025

Team Size – 4

A web platform designed to bring cooking enthusiasts together by providing a space to discover, share, and manage recipes. The project focuses on delivering a seamless user experience for both regular users and admins.

- **Tech:** React, Node.js, MySQL
- **Tools:** Figma, Canva, VSCode, Github
- **Role & Responsibilities:**
  1. Built 10+ frontend pages for user interface using React.
  2. Developed an admin dashboard to review, edit, approve, and delete user-submitted recipes.
  3. Implemented a dynamic search functionality allowing users to find recipes based on available ingredients.
  4. Designed and developed a user-friendly recipe submission form with input validation.

- **C++ Numerical Computing Library** | [github](#)

Jan 2025 - May 2025

Tech: C++

1. Developed reusable, class-based modules for numerical algorithms.
2. Built a reusable and extensible Matrix class to handle matrices 49 x 49, 225 x 225.
3. Implemented methods for solving systems of linear equations, including Gauss Elimination, Gauss-Jacobi, Gauss-Seidel, and LU Decomposition.
4. Created modules for root-finding (Bisection, Newton-Raphson) and interpolation (Lagrange's interpolation).

## SKILLS

**Core Technologies:** C, C++, Python (basic)

**Web Technologies:** React, JavaScript, TailwindCSS

**Tools:** VSCode, Github, Figma, Canva, MockAPI

**Operating Systems:** Linux, Windows

## EDUCATION

- **MSC Scientific Computing** | SGPA - 7.18 (Pursuing)  
Dept of Scientific Computing, SPPU, Pune

Jul 2024 - Present

- **BSC Computer Science** | CGPA - 7.36  
Rajarshi Shahu Mahavidyalaya, Ahilyanagar

Jul 2021 - May 2024

- **HSC** | 79.17%  
Art, Science, Commerce College Rahuri, Ahilyanagar

Jul 2020 - May 2021

- **SSC** | 81.40%  
New Prasad Madhyamic Vidyalaya Kangar, Ahilyanagar

Jul 2018 - May 2019