

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) Jul 2024 - Present
Dept of Scientific Computing, SPPU, Pune
- **BSC Computer Science** | CGPA - 7.36 Jul 2021 - May 2024
Rajarshi Shahu Mahavidyalaya, Ahilyanagar
- **HSC** | 79.17% Jul 2020 - May 2021
Art, Science, Commerce College Rahuri, Ahilyanagar
- **SSC** | 81.40% Jul 2018 - May 2019
New Prasad Madhyamic Vidyalaya Kangar, Ahilyanagar