

# Trishya Nigam

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## SKILLS

- **Languages:** C++, JavaScript, C, PHP, Python, Java, Data Structures & Algorithms
- **Web Development:** Node.js, React.js, Express.js, RESTful APIs, HTML, CSS, Bootstrap, Tailwind CSS
- **Databases & Tools:** MySQL, MongoDB, Postman, Git, Github, VS Code, Generative AI, Prompt Engineering
- **Soft Skills:** Problem Solving, Communication, Team Collaboration, Quick Learner

## PROJECTS

- Food Fit AI – AI-Powered Personalized Nutrition & Meal Recommendation System | [🔗](#)** Jun '25 – Jul '25
- Developed a personalized meal recommendation web application to support users in achieving fitness goals through data-driven meal planning and nutrition tracking.
  - Integrated a full-stack MERN solution, integrated nutrition APIs, secured user authentication, and built an interactive dashboard for real-time calorie monitoring and customized meal recommendations.
  - Enhanced user engagement by 40%, reduced meal planning effort by 60%, accelerated API response time by 30%, and increased overall user retention by 25%.
- Tech Stack:** MERN (MongoDB, Express.js, React.js, Node.js), Generative AI

- Budget Buddy - Smart Expense Tracking & Financial Management System | [🔗](#)** Feb '25 – Mar '25
- Built a full-stack expense tracking system to support users in managing budgets, monitoring daily expenses, and strengthening financial planning efficiency.
  - Enabled transaction categorization, budget goal setting, and real-time expense visualization through an interactive dashboard with clear financial insights.
  - Boosted expense tracking accuracy by 45%, reduced manual budgeting effort by 55%, and increased financial visibility by 35%, enabling smarter spending decisions.
- Tech Stack:** HTML, CSS, JavaScript, PHP, MySQL, Bootstrap

- Volunteer Opportunity Finder – Connecting People to Purpose | [🔗](#)** Nov '24 – Dec '24
- Created a web-based volunteer connection platform to link users with relevant programs based on location, interests, and availability.
  - Implemented intelligent matching, streamlined registration and event scheduling, and enabled activity tracking, profile management, and real-time updates to enhance user accessibility.
  - Increased volunteer participation by 35%, improved match accuracy by 40%, and reduced event coordination time by 30%, leading to higher user engagement and platform efficiency.
- Tech Stack:** Node.js, Express.js, MongoDB

## CERTIFICATIONS

- OCI 2025 Certified Generative AI Professional – Oracle | [🔗](#) Aug '25
- ChatGPT-4 Prompt Engineering: ChatGPT, Generative AI & LLM – Infosys | [🔗](#) Aug '25
- MERN with Gen AI – W3grads | [🔗](#) Jun '25 – Jul '25
- Introduction to Machine Learning – NPTEL | [🔗](#) Jan '25 – Apr '25
- Web Development – Rising Tech Pro | [🔗](#) Feb '24 – Mar '24

## ACHIEVEMENTS

- **Semifinalist, Flipkart Grid 7.0 | [🔗](#)** Aug '25  
Selected among top participants nationwide in a prestigious tech innovation competition organized by Flipkart.
- **Contributor, GirlScript Summer of Code (GSSoC) | [🔗](#)** Aug '25  
Contributed to open-source projects by fixing issues, raising pull requests, and collaborating with developers across India.
- **5-star in C++ & 4-star in Java on HackerRank | [🔗](#)** Jul '25  
Demonstrated strong programming and problem-solving skills through competitive coding.

## EDUCATION

- **Lovely Professional University** Punjab, India  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 8.49* Since Aug '23
- **City Montessori School** Lucknow, UP  
*Intermediate; Percentage: 92%* Apr '21 - Jun '22
- **City Montessori School** Lucknow, UP  
*Matriculation; Percentage: 91.33%* Apr '19 - Jun '20