

# 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