First Last

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SUMMARY

- Software developer with a background in Chemistry education and a passion for building intuitive, user-focused applications. I bring 5 years of experience as a high school Chemistry teacher, where I specialized in simplifying complex ideas, managing hands-on lab environments, and fostering scientific thinking and data analysis. After relocating to the U.S., I took time away from the workforce due to immigration constraints and family responsibilities.

- In 2025, I made a committed pivot into tech by enrolling in LaunchCode's full-stack software development course. There, I gained practical experience in JavaScript, HTML5, CSS3, and React—focusing on React Hooks for state management, responsive design, routing, and form validation. I'm an adaptable learner who enjoys solving problems, exploring new technologies, and working in collaborative environments. I'm now seeking a junior developer role where I can combine my technical skills, scientific mindset, and love for continuous learning to contribute meaningfully to a development team.

- LANGUAGES | FRAMEWORKS | TOOLS

JavaScript, Html, Css | React

EXPERIENCE

 Urban Spice – Indian Vegetarian Food Ordering App

- A responsive single-page food ordering application that allows users to browse meals by category, customize orders, and submit delivery and payment information.

- Developed a dynamic meal browsing system with React Router that filters menu items by categories such as Breakfast, Lunch, and Dinner.

- Built an interactive dropdown menu using useState and useRef to allow users to select items and dynamically calculate total prices in real time.

- Designed and implemented a multi-step address form page with validation to collect and confirm user delivery details.

- Created a dedicated payment preference page allowing users to securely select a payment method before order confirmation.

- Built reusable UI components (buttons, menu cards) and implemented responsive styling for mobile, tablet, and desktop screens.

Job Title — High School Chemistry Teacher (Grades 11–12)
Holy Cross School – Ambikapur, India
July 2007 – March 2012

- Taught advanced chemistry curriculum to classes of 70–80 students, simplifying complex scientific concepts through visual aids, real-life analogies, and lab experiments.

- Designed and facilitated 100+ structured lab sessions to reinforce scientific inquiry, data analysis, and safety best practices.

- Organized school-wide science fairs and co-curricular events, increasing student participation in science and project-based learning activities by 40%..

- Improved resource allocation and operations transparency by supporting administrative and financial planning efforts.

- Mentored students for Interstate science exams and projects, contributing to a 20% increase in board exam success rates over five academic years.

Career Break
Family Relocation & Caregiving
2012 – 2025

- Relocated from India to the United States after marriage and focused on settling into a new environment.

- Dedicated time to raising two children, managing household responsibilities, and supporting family growth.

- During this period, remained committed to lifelong learning and recently began formal training in software development through LaunchCode, a nonprofit tech program.

EDUCATION

LaunchCode-Software Development Program.
In Progress | 2025 Cohort
Practical training in JavaScript, React, HTML, CSS, Git, and software development fundamentals. Includes hands-on projects, pair programming, and real-world problem-solving.

Guru Ghasidas University-Master of Science (M.Sc.), Organic Chemistry
Graduated 2007 | Ambikapur, India
Postgraduate studies focused on organic reaction mechanisms, spectroscopy, and laboratory research techniques.