



OBJECTIVE

I aspire to work as a **Java, Python, and AI/ML Faculty** for **students from 9th to 12th and B.Tech students** at a reputed institute, where I can simplify complex coding and AI/ML concepts and strengthen students' foundation in **programming, problem-solving, and analytical thinking**. With **2.5 years of teaching experience**, I bring practical, hands-on learning approaches and a passion for inspiring young minds in emerging technologies.

EDUCATION

Degree	Institute	Board / University	Year
B.Tech ME	Motilal nehru National Institute of Technology (NIT) , Allahabad	NITA, Uttar Pradesh	2021-2025
Senior Secondary	C. P. Vidya Niketan Inter College, Kaimganj	UP Board	2020
Matriculation	Krishna Sahah Rashtriya Inter-College, Kampil	UP Board	2018

EXPERIENCE

- Java & DSA Instructor** *Newton School, Online* **Apr 2024 – Sep 2024**
- Taught Java programming and Data Structures Algorithms (DSA) to students for 6 months, emphasizing fundamentals, problem-solving, and coding best practices.
 - Designed practical coding exercises and mini-projects to enhance students' hands-on skills.
 - Provided personalized guidance and mentorship, improving students' coding confidence and performance.
- Freelance Java & Mathematics Home Tutor** *Self-employed / Allahabad* **Oct 2022 – Oct 2025**
- Provided personalized coaching in Java, Python, AI/ML, and Mathematics for students from Classes 9 to 12 and B.Tech students.
 - Improved students' coding, problem-solving, and analytical skills through customized lesson plans and hands-on projects.
 - Built strong student rapport, leading to referrals and repeat sessions through word of mouth and parent/student recommendations.
- Java Instructor & Career Mentor** *ExamNova EdTech School, Noida* **Jul 2025 – Aug 2025**
- Taught Java programming to students for 2 months, focusing on fundamentals, practical coding, and problem-solving.
 - Provided guidance to students on coding practices, analytical thinking, and project-based learning.
 - Built strong student rapport, receiving positive feedback and recommendations.

PROJECTS

- EasyAlgo | Interactive Learning Website | Github** *CSS, HTML, Django, PostgreSQL, JavaScript, Python*
Built an interactive learning platform that increased user activity by 35% . *May 2023 - June 2023*
 - Interactive Content:** Created tutorials and quizzes, boosting completion rates by **30%** and improving algorithm retention.
 - User Management:** Integrated features like like/dislike and comment sections, boosting user interaction to **150 comments per week** across content pages.
- Codelura | Personal Portfolio (MERN Stack)** *MERN Stack (MongoDB, Express.js, React.js, Node.js)*
Dynamic Portfolio with Admin Panel *Aug 2023 – Nov 2023*
 - Project Overview:** Launched a personal portfolio website with an admin panel to manage projects, testimonials, and blogs in real-time. This platform effectively showcases my full-stack skills and has attracted multiple freelance inquiries.

TECHNICAL SKILLS

- Programming Languages:** Java, Python, C++, HTML, CSS, Javascript.
- Core Concepts:** Object-Oriented Programming (OOPs), Data Structures & Algorithms (DSA), Recursion, Sorting & Searching, File Handling, Exception Handling
- Advanced Concepts:** AI/ML fundamentals, Problem-Solving, Logical Analytical Thinking, Algorithmic Design
- Subject Expertise (School):** Real Numbers, Polynomials, Linear Equations, Quadratic Equations, Coordinate Geometry, Triangles, Trigonometry, Mensuration, Statistics, Probability, Basic Physics, Basic Chemistry
- Mentorship:** Guided and mentored **1000+ students**, focusing on academic excellence, coding skills, confidence-building, and personal growth
- Soft Skills:** Communication, Classroom Management, Student Engagement, Bilingual Proficiency (English, Hindi)

ACHIEVEMENTS

- DSA Competitive Coding:** Solved **1700+ problems** on platforms like LeetCode, Codeforces, and GeeksforGeeks, showcasing consistent practice and problem-solving skills.
- Josh Talks Speaker:** Invited to share my journey and insights on a national platform, inspiring students and early professionals across India.

POSITION OF RESPONSIBILITIES

- Teaching Assistant,** Guided junior students in mathematical problem-solving techniques and logical reasoning.
- Main Coordinator,** CyberSec Club at MNNIT Allahabad – Organized Capture the Flag (CTF) competitions and workshops.
- CTF Event Coordinator,** Abhiskar, MNNIT - Led and organized hacking challenges at MNNIT's annual tech fest.
- Campus Ambassador Kaizen,** NSS IIT Delhi – Actively participated in student engagement and mentoring initiatives.