

# Riya Tomar

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## EDUCATIONAL QUALIFICATIONS

Course (Stream)/Examination	Institution/University	Year of Passing	Performance
B.E (CSE)	Chandigarh University	2025	7.62 CGPA
AISSCE (Science)	Kendriya Vidyalaya, AFS, Avadi, Chennai	2021	83.2% [416/500]

With experience as a website developer, brings proficiency in WordPress and native coding techniques. My expertise extends to crafting visually appealing websites that are finely tuned to address the specific requirements of clients. My approach prioritizes efficient design and development processes, ensuring timely delivery without compromising quality. I am committed to staying abreast of industry advancements, continuously enhancing my skills to deliver cutting-edge solutions.

## ADDITIONAL QUALIFICATIONS AND COURSES

• Data Analysis with R Programming	(July, 2022)
• Introduction to Internet of Things [NPTEL]	(July - Oct, 2023)
• Fundamentals of Visualization with Tableau	(Dec, 2023)
• Django for Everybody	(Mar, 2024)
• Java as a Second Language	(July, 2024)
• Google Data Analytics	(Aug, 2024)

## WORK EXPERIENCE

• Website Developer, Phlox Business, Chandigarh	(June, 2022 – Feb, 2024)
Phlox Business – the pinnacle in Swift web and app development for global enterprises.	
- Designed over 15 websites with a focus on user-centered design and functionality.	
- Mentored and trained 10 interns in website design principles, ensuring adherence to industry best practices.	
• Graphic Designer, Futuation Private Limited, Remote	(Aug, 2022 – Oct, 2022)
Futuation Private Limited– Futuation enhances client success through advanced digital and mobile solutions powered by ML, AI, Cloud Computing, and digital marketing.	
- Created 30 user-centric marketing and advertising graphics.	

## PASSION PROJECTS

• Utilization of R Shiny Framework for COVID-19 Data Analysis: (Shiny framework)	
- Enhanced UI design and features, leading to a 50% reduction in user query response time and a 25% increase in data precision.	
- Spearheaded the development of an interactive COVID-19 data analysis application, analyzing data from over 100.	
• Java100_questions (HTML, CSS, JavaScript and Java)	
- Engineered a comprehensive repository of 100 Java-based coding problems, divided into 4 categories: beginner, intermediate, advanced, and expert levels.	
- Included 100+ detailed problem statements and solutions to enhance Java programming skills for students and developers.	
• Educational website (HTML, CSS, JavaScript, PHP, Node.js and MySQL)	
- Developed robust frontend and backend functionalities, improving website performance metrics by 30% and reducing system downtime by 50%.	
- Developed a comprehensive university web portal using HTML, CSS, JavaScript, PHP, Node.js, and MySQL, supporting 200+ students and 5 departments, optimizing academic and administrative operations.	

## AWARDS & ACHIEVEMENTS

• Tier 1 Certification – Google Study Jam Program – Google - 2023
• Hacktoberfest Participant – Hacktoberfest – DigitalOcean and GitHub - 2023
• Second Position in Best Project in CSE Department – Project Exhibition for CSE 2 <sup>nd</sup> year – Chandigarh University – 2023

## RESEARCH PAPERS

• Efficient Parking and Toll Management: A RFID-Enabled Approach with Vega Aries Development Board – Published – International Journal of Innovative Science and Research Technology (IJSRT) – Nov 2023
• AI-based Smart Farming System – Accepted – 1st International Conference on Digital Law and Technological Advancements (ICDLTA2024) – Oct 2024
• Integration of AI in Indian Agriculture: AI Krish and Bhoomi – Accepted – 1st International Conference on Digital Law and Technological Advancements (ICDLTA2024) – Oct 2024

## OTHER INTERESTS & ACTIVITIES

• Open-Source Contributions
• Building projects for daily use