

# RITESH KUSHWAHA

Bachelor of Technology,  
Information Technology  
University Institute of Technology, RGPV, Bhopal

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Portfolio

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## Education

Institution	Degree/Board	Grade	Timeline
University Institute of Technology, RGPV	B.Tech, IT	CGPA: 8.0	2023 – 2027
Ramakrishna Vivekananda Vidyapeeth	CBSE XII	86.4%	2022

## Positions of Responsibility





**Technical Lead**, DoIT Coding Club — UIT RGPV Oct'24 – Present

- Organized and led **CodeAdept 8.0**, a department-wide coding event.
- Prepared coding and aptitude round questions to assess participants' problem-solving skills.

**Campus Ambassador**, GeeksforGeeks Apr'24 – Mar'24

- Promoted GFG initiatives on campus, increasing participation in **coding challenges and events**.
- Engaged with the student community, encouraging learning via GFG resources.

## Projects

<b>Loan Default Prediction Web App</b> <ul style="list-style-type: none"><li>Built Machine Learning model using XGBoost, achieving <b>88.54% accuracy</b>.</li><li>Deployed via Streamlit with interactive UI and real-world dataset.</li><li>Implemented feature engineering &amp; class imbalance handling.</li><li> Repository  Live Demo</li></ul>	Aug'25
<b>SwasthVerify – Harmful Chemical Detection App</b> <ul style="list-style-type: none"><li>Developed full-stack web app with React.js, Node.js, and MongoDB.</li><li>Integrated OCR (Tesseract.js) to detect harmful chemicals in ingredients.</li><li>Responsive UI with Tailwind CSS, delivering real-time detection.</li><li> Repository</li></ul>	Apr'25
<b>Trimly – URL Shortener &amp; QR Code Generator</b> <ul style="list-style-type: none"><li>Built secure REST APIs with Node.js, Express.js, and MongoDB.</li><li>Integrated JWT authentication and password hashing (bcryptjs).</li><li>Designed Tailwind UI and implemented QR Code generation.</li><li> Repository</li></ul>	Mar'25

## Technical Skills


**Languages/Technologies:** C++, Python, JavaScript

**Development:** React.js, Node.js, Express.js, HTML, CSS, Git, GitHub, Streamlit

**Databases/Cloud:** PostgreSQL, MongoDB, Firebase

**Coursework:** Data Structures and Algorithms, Object Oriented Programming, DBMS, Computer Networks, Operating System, Machine Learning, Data Preprocessing

## Achievements

- Max LeetCode Rating: 1745.
- Solved 700+ DSA Problems —  (Profiles)
- Finalist – NIT Kurukshetra InnokShetra'24 Hackathon.
- Finalist – IIT Kanpur Techkriti'25 Contest.