

# RITESH KUSHWAHA

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

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Portfolio






github.com/riteshkushwaha7

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## Education

Institution	Degree/Board	Grade	Timeline
University Institute of Technology, RGPV	B.Tech, IT	CGPA: 8.1	2023 – 2027
Ramakrishna Vivekananda Vidyapeeth	CBSE XII	86.4%	2022

## Projects

<b>RGPV Mates - Dating App</b> <ul style="list-style-type: none"><li>Built a secure campus-exclusive dating platform for RGPV students.</li><li>Developed REST APIs with Node.js &amp; PostgreSQL using JWT auth.</li><li>Integrated ID verification, chat, and admin user management.</li><li> Repository  Live Demo</li></ul>	Sep'25
<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

## 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

<b>Smart India Hackathon 2025</b> Grand Finalist	<b>Codeforces:</b> Pupils
<b>Max LeetCode Rating:</b> 1745*	<b>Solved 900+ DSA Problems</b> —  (Profiles)
<b>Finalist:</b> NIT KKR InnokShetra'24 Hackathon	<b>Finalist:</b> IIT Kanpur Techkriti'25 Contest

## Positions of Responsibility

**Executive Head,** DoIT Coding Club — UIT RGPV

Aug'25 – Jun'26

- Led the successful organization of **CodeAdept 9.0**, a flagship coding event of UIT RGPV.
- Mentoring club members and helping build a stronger coding culture on campus.