

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: 8.1	2023 – 2027
Ramakrishna Vivekananda Vidyapeeth	CBSE XII	86.4%	2022

Projects

RGPV Mates - Dating App	Sep'25
<ul style="list-style-type: none">Built a secure campus-exclusive dating platform for RGPV students.Developed REST APIs with Node.js & PostgreSQL using JWT auth.Integrated ID verification, chat, and admin user management.Repository Live Demo	
Loan Default Prediction Web App	Aug'25
<ul style="list-style-type: none">Built Machine Learning model using XGBoost, achieving 88.54% accuracy.Deployed via Streamlit with interactive UI and real-world dataset.Implemented feature engineering & class imbalance handling.Repository Live Demo	
SwasthVerify – Harmful Chemical Detection App	Apr'25
<ul style="list-style-type: none">Developed full-stack web app with React.js, Node.js, and MongoDB.Integrated OCR (Tesseract.js) to detect harmful chemicals in ingredients.Responsive UI with Tailwind CSS, delivering real-time detection.Repository Live Demo	

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

Smart India Hackathon 2025 Grand Finalist	Codeforces: Pupils
Max LeetCode Rating: 1745*	Solved 900+ DSA Problems — Portfolio (Profiles)
Finalist: NIT KKR InnokShetra'24 Hackathon	Finalist: 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.