

# Riti Sinha

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## EDUCATION

### Vellore Institute Of Technology, Bhopal

Bachelor of Technology

Major in Computer Science with specialisation in Cloud Computing

Cumulative GPA: 9.02/10

Relevant Coursework: Operating Systems; Algorithms; Artificial Intelligence; Computer Networks

Bhopal, MP

Expected May 2026

### Delhi Public School, Pune

12th Percentage : 90%

Relevant Coursework: Physics, Maths, Chemistry, CS

Apr 2021 - Apr 2022

## PROJECTS

### BakePrecise

Mar 2025 - May 2025

- Creating a tool for converting traditional measurements to precise gram-based quantities using React.js, Node.js and Google Gemini API
- Integrated real-time AI-driven ingredient conversions reducing conversion speed rate by 70% and enhancing user efficiency.
- Incorporated gemini-flash-2.0 model to generate recipes.
- Enabled accurate conversions for over 300 ingredients, improved user experience, and gained hands-on experience in full-stack development and AI integration.
- Deployed the website on Vercel, receiving over 50+ successful user calls.

### CocoCode

Dec 2024 - Apr 2025

- Developed a user-friendly coding platform with secure authentication.
- Constructed a full-stack application using React.js, Node.js, Express.js, and MongoDB.
- Modularized backend architecture, Judge0 for real-time code compilation and execution.
- Implemented secure authentication with OTP and MFA.
- Delivered a secure environment for users to solve coding challenges and track progress, utilizing a database with 20–30 problems, each supported by 4–5 test cases.

## ACTIVITIES

### iOS CLUB

Bhopal, MP

Developers Team Member

Oct 2023 – Apr 2025

- Planned and executed on-site event management for Techastra, overseeing all logistics and schedules for 100–250 attendees.
- Collaborated with the team to design 2–3 app prototypes and prepare 5+ project proposals using Figma.

### GDSC CLUB

Bhopal, MP

Design Team Lead

Sep 2023 – Mar 2024

- Managed a GDSC Club Tech-event with 200+ attendees, collaborating closely with a 6-member core team to ensure successful event execution and team coordination.

## ADDITIONAL

**Technical Skills:** C++, Python, React.js, MySQL, MongoDB, AWS Cloud

**Languages:** Fluent English, Hindi

**Certifications & Training:** AWS Certified Cloud Practitioner (May 2025 - May 2027), Fundamentals of AIML (NPTEL), Fundamentals of DevOps - by IBM