

SATYAM RAJ

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SUMMARY

Results-driven Computer Science Engineering Graduate with hands-on experience in React, JavaScript, Redux, and modern web technologies. Adept at developing scalable, responsive, and user-centric web applications. Strong foundation in Java, SQL, and Cloud Technologies with a focus on clean architecture, problem solving, and efficient software design. Demonstrated teamwork, leadership, and communication skills through academic and personal projects.

EDUCATION

- DIT University Dehradun** Aug 2020 - June 2024
Bachelor of Technology in Computer Science and Engineering
Dehradun, India
 - CGPA: 8.11 / 10.00
- Rajkiyakrit Sr Sec School Kanti** March 2020
Intermediate Science - BSEB, Patna
Muzaffarpur, Bihar
 - Grade: 80%
- DAV Public School, Narhan-Panapur** April 2017
Secondary Education
East Champaran, Bihar
 - CGPA: 10/10

PROJECTS

- AI-Powered Recipe Generator** September 2025
Tools: React, Redux, Tailwind CSS, Google GenAI API [\[🔗\]](#)
 - Developed an AI-powered web application that generates recipes based on user input using Google Gemini AI.
 - Implemented real-time search suggestions and dropdown selection with Redux for efficient data handling.
 - Designed JSON-based AI prompt parsing to produce ingredients list and cooking instructions automatically.
 - Integrated local caching to prevent repeated API calls and improve performance.
 - Styled UI with Tailwind CSS for responsive and user-friendly design.
- Password Generator: A React-based password generator** October 2025
Tools: React, Tailwind CSS, JavaScript [\[🔗\]](#)
 - Developed a responsive web application that generates secure random passwords with customizable options.
 - Implemented features to include or exclude uppercase, lowercase, numbers, and special characters.
 - Integrated one-click copy functionality and toast notifications for enhanced user experience.
 - Utilized Vite for fast and optimized development build.

SKILLS

- Programming Languages:** React, Redux, Tailwind, JavaScript, HTML, CSS, Java
- Database Systems:** MySQL, MongoDB
- Cloud Technologies:** AWS, Google Cloud, Azure
- DevOps & Version Control:** Docker, Git, GitHub, Jenkins, Kubernetes, Smart Contracts
- Other Tools & Technologies:** Jupyter, VS Code, Android Studio, Google Collab, Postman, Tableau

EXTRACURRICULAR

- Google Cloud Trainee at Qwiklabs** Oct 2022 - Feb 2024
 - Collaborated on cloud computing projects, learning practical GCP architecture and deployment.
- Google Cloud Carrier Practitioner Pathway Participant** Aug 2022 - Jan 2023
 - Participated in Google Cloud's cloud computing program and collaborated on cloud projects.

CERTIFICATIONS

- Foundations of Data Science** Oct 2023
- Introduction to Software Engineering** March 2023

ADDITIONAL INFORMATION

Languages: English (Fluent), Hindi (Fluent)

Interests: Technology trends, Web Development, AI/ML Projects, Vlogging, Travel, Photography