

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

Dehradun, India

Bachelor of Technology in Computer Science and Engineering

◦ CGPA: 8.11/10.00

• Rajkiyakrit Sr Sec School Kanti

March 2020

Muzaffarpur, Bihar

Intermediate Science - BSEB, Patna

◦ Grade: 80%

• DAV Public School, Narhan-Panapur

April 2017

East Champaran, Bihar

Secondary Education

◦ 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