

Sahil Singh Rathore

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Education

SKIT, Jaipur

B.E. in Computer Science and Engineering

November 2022 - Present

CGPA: 8.66/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advanced Data Structures and Algorithms, Image Processing

Kendriya Vidyalaya No.4, Jaipur, Jaipur

Senior Secondary (Class 12)

April 2021 - March 2022

CGPA: 8.65/10

Kendriya Vidyalaya No.4, Jaipur, Jaipur

Secondary (Class 10)

April 2019 - March 2020

CGPA: 9.15/10

Skills

Languages: Java, C/C++, Python, HTML, CSS, JavaScript, SQL

Technologies & Tools: AWS, MongoDB, Kubernetes, Docker, Angular, ReactJS

Utilities & Platforms: Git, GitHub, Figma, VS code

Work Experience

Google Arcade – Cloud Computing

Sept 2024 - Nov 2024

Open Source ContributorS

- Completed hands-on labs using GCP services like Compute Engine, BigQuery, and Cloud Storage.
- Ranked among the top 500 contributors nationally and received exclusive swags from Google.
- Built and deployed real-world cloud solutions while earning skill badges through interactive challenges.

KisTechnoSoftware, Jaipur

July 2024 - Aug 2024

Frontend Web Developer Intern

- Worked as a **frontend** web developer intern for 45 days, contributing to the design and development of **KisTechnoSoftware's** website.
- Collaborated with a team to enhance website functionality, improve **UI/UX**, and resolve front-end issues.
- Implemented responsive design and optimized website performance using modern **frontend** technologies.
- Gained hands-on experience in HTML, CSS, JavaScript, React.js, and version control with Git.

SKIT, Jaipur

Feb 2024 – Mar 2024

College Fest Organizer and Coordinator – Led event planning, logistics, budgeting, and team coordination across multiple successful college fest events.

Project Work

- **Jarvis Desktop Assistant (2023):** Built a voice-controlled assistant to automate tasks like opening apps, web searches, emails, and weather updates. Integrated speech recognition and text-to-speech. **Python, SpeechRecognition, pyttsx3, OpenAI API**
- **Netflix Clone (2024):** Developed a Netflix-like platform with user authentication, movie browsing, and a responsive UI. Used Redux for state management and Firebase for authentication. **MongoDB, Express.js, React.js, Node.js, Redux, Firebase**
- **College Bus Route Tracking System (2025 - In Progress):** Building a live bus tracking system for students with GPS integration and real-time notifications for route changes. **React Native, Google Maps API, Firebase, Node.js, Express.js**

Achivements

- **IEEE YESIST Grand Finalist (Tunisia, Africa):** Represented and competed at the prestigious global event.
- **SIH 2024 Qualifiers:** Successfully qualified for the Smart India Hackathon 2024.
- **Top 500 in Google Cloud Arcade:** Secured a top position in Google's cloud computing challenge.