

Sameer Kumar Singh

+917888720446 | sameer.k.singh.work@gmail.com | [linkedin.com/in/xvisierra](https://www.linkedin.com/in/xvisierra) | github.com/xvisierra | [Portfolio](#)

EDUCATION

RNS Institute of Technology

Bachelor of Engineering in Information Science Engineering with 8.27 CGPA

Bangalore, Karnataka

Dec. 2020 – July 2024

Kendriya Vidyalaya AFS Avadi

Class 12 completed with 78.4%

Chennai, Tamil Nadu

May 2018 – March 2019

Kendriya Vidyalaya No.3

Class 10 completed with 10 CGPA

Amritsar, Punjab

March 2016 – March 2017

EXPERIENCE

Student Intern

Nokia Solutions Networks

September 2023 – Present

Bangalore, India

- Conducted Valgrind memory leak checks across multiple modules in the cloud network team, promptly identifying and resolving issues to enhance the reliability and saving upto 40% of memory of a single MT
- Automated table validation, file transfer, and compression using Python scripting, and configured Jenkins for email notifications from the central repository.
- Collaborated within the session control team as an R&D Intern, actively learning and contributing to the development of IMS, ZTS, and other cloud solutions while utilizing Git, Jira, MobaXterm SSH and Gerrit for code reviews and workflow management

SKILLS

Technical Skills : C++, C, Java, Python, HTML5, CSS3, Javascript, SQL, Git, Github, VS Code, Linux, Shell, Bash, Valgrind, Gerrit, API, Object-Oriented Analysis and Design, Data Structures and Algorithms.

Leadership Skills : Communication, Collaboration, Critical Thinking, Problem-Solving, Teamwork, Adaptability

PROJECTS

Hostel/Community lending webapp | *HTML, CSS, JavaScript, Firebase*

August 2023 – September 2023

- Pioneered webapp enabling lending of items, notes, and books between over 500 hostel residents, reducing unnecessary expenses and building trust with over 200+ lendings so far
- Developed and designed using HTML, CSS, Bootstrap and JavaScript with data stored securely on Firebase

Railway Reservation System using Hashing | *C++, File Handling*

June 2023 – July 2023

- Developed a C++ application to simulate Railway Reservation System achieving an user-friendly menu-driven interface for efficient data processing and retrieval
- Streamlined passenger search by 90% compared to linear search and boosted system performance by implementing hash tables and externalizing reservation and user data storage in text files

Cryptock - Live Crypto Tracker Website | *HTML, CSS, Javascript, Github*

March 2023 – May 2023

- Built a responsive website with HTML, CSS and JavaScript to display live crypto prices and investments
- Developed an intuitive dashboard presenting real-time cryptocurrency prices and tabular data, displaying the current value and Profit/Loss of all investments in one place

ACHIEVEMENTS

Won Joget Track Award, HackOverflow

Dept. of ISE

May 2023

RNSIT

- Led a team of 4, securing a top 5 position among 210 teams in the WebD domain of the HackOverflow hackathon

Emerged victorious in CodeBreak coding contest organized by BigO Club

BigO Club

January 2022

RNSIT

Led Team to Victory as Chess Captain, Dept. of ISE

RNSIT Sports Club

March 2022

RNSIT

CERTIFICATES AND COURSES

Learn and Master C Programming For Absolute Beginners! | *Infosys SpringBoard*

July 2021 – Present

HTML, CSS, and Javascript for Web Developers | *Coursera (Johns Hopkins University)*

June 2021 – Present