

SABHI SHARMA

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Education

The National Institute of Engineering, Jan 2022 - July 2025

Bachelor of Information Science & Engineering CGPA 9.0

- Key Courses: Object Oriented Programming, Computer Networks, Operating Systems, Database Management System, Data Structures and Algorithms

Skills

Languages: Python, C/C++, Java, JavaScript

Technologies: Node.js, Express.js, MySQL, MongoDB, Git, PyTest, Unittest

Professional Experience

Akamai Technologies June 2024 - Aug 2024

Software Development Engineer in Test - Internship

- Automated the cleanup of logical volumes marked for deletion on remote hosts
- Automated SSH key verification and connectivity tests for secure system migration
- Automated KMI audits, key management, and host bootstrap verification processes

Projects

Music Recommendation [<https://github.com/sabhisharma-ise/music-recommendation-app>]

This project allows users to discover new songs based on their preferred genre and artist

- Integrating MySQL database with Node.js to execute queries from the program
- Set up an online SQL database and configured it to host the application

QR-Code Generator [<https://github.com/sabhisharma-ise/qr-code-generator>]

Input a URL, generates a QR code image, and displays it on web page

- Taking user-input in node.js with the help of Inquirer.js npm package
- Conversion of the entered URL into a qr-code using the qr-image npm package
- Developed a front-end for the application to take user-input in the form element

Weather Application [<https://github.com/sabhisharma-ise/weather-application>]

Enter a city, fetches the weather data for that location, and displays it on web page

- Created a well-designed home page and weather information page
- Handled invalid city inputs by redirecting users back to the home page without displaying errors
- Integrated OpenWeatherMap API for real-time weather data

Hackathon Experience

Flipr Hackathon - Splitmate [<https://github.com/sabhisharma-ise/splitmate>]

- Participated in a 72-hour collaborative programming project with a team of 2
- An application that helps to manage expenses and split them among your friends
- Developed the front-end for the app, making use of libraries such as canvas.js and filesaver.js