

SIBGAT FAROOQ

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[Email](#) ◇ [LinkedIn](#) ◇ [Portfolio](#) ◇ [GitHub](#)

EDUCATION

National Institute of Technology Srinagar, Srinagar Nov 2022 - present
Bachelor of Technology (B-Tech) Information Technology CGPA: 8.68

St Pauls International Academy, Srinagar Dec 2019 - Dec 2021
(10+2) PCM CGPA : 9.68

TECHNICAL SKILLS

Programming	C, C++, Python
Languages	HTML, CSS, JavaScript, Tailwind CSS, ReactJS, Node.js, Express.js, MongoDB, MySQL
Tools	Jupyter Notebook, VSCode, PyCharm, Git, GitHub, Linux, Postman, LaTeX
Libraries	Pandas, NumPy, Matplotlib, TensorFlow
Operating Systems	Windows, Ubuntu
Skills	Machine Learning, Web Development

EXPERIENCE

Frontend Development Team Member Aug 2024 – Present
Techvaganza, Annual Fest *NIT Srinagar*

- Developed the frontend of event's official website with a team using React+Vite and Tailwind CSS.

PROJECTS

Movie Recommender System Python, Machine Learning, Flask, Pandas, Scikit-learn, React ([GitHub](#))

- Built a movie recommender system using cosine similarity and vectorization techniques for collaborative filtering.
- Developed a Flask web app to provide personalized movie recommendations based on user preferences.
- Implemented the frontend using React to create a responsive and interactive user interface.

Markdown Editor with File Management React, ReactMarkdown, HTML, CSS ([GitHub](#))

- Built a Markdown editor in React with real-time preview using ReactMarkdown.
- Implemented file management to create, save, delete, and persist files with localStorage.
- Designed a responsive UI for smooth user interaction across devices.

Resume Builder React, Node.js, Express, MongoDB ([GitHub](#))

- Developed a full-stack application with React handling the frontend and Express with Node.js managing the backend.
- Utilized MongoDB for persistent data storage, enabling users to save and retrieve their resume details.
- Designed a responsive and user-friendly interface with React and Tailwind CSS, ensuring seamless navigation.

HTTP Server C, Winsock2, Windows API ([GitHub](#))

- Developed an HTTP server using Winsock2 API, capable of handling GET and POST requests.
- Implemented functionality to serve static HTML files and parse form data from client requests.
- Designed the server to manage multiple client connections and gracefully handle shutdowns.

Kernel Hacking C, xv6, Operating Systems ([GitHub](#))

- Added a custom system call to the xv6 operating system.
- Modified the kernel and user library to integrate the new system call.

COURSEWORK

- Operating Systems, Computer Organization and Architecture, DSA, DBMS, OOP, Software Engineering, Probability Theory and Statistics, Discrete Mathematics and Graph Theory, Linear Algebra, Advanced Calculus