



# SAHIL

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## Education

**Bennett University**

*Bachelor of Technology in Computer Science*

**Sep. 2022 – May 2026**

*Greater Noida*

## Technical Skills

**Languages:** C++ (Data Structures & Algorithms), Python (Generative AI - Basics)

**Frontend Development:** React.js, JavaScript, HTML, CSS

**Backend Development:** Node.js, Express.js

**Databases:** MongoDB, MySQL

**API Development:** RESTful API, Postman

**Version Control:** Git, GitHub

**Cloud & DevOps:** Docker, AWS (Basics), CI/CD

**Deployment Platforms:** Netlify, Render, Vercel

## Relevant Coursework

- |                    |                       |                           |                         |
|--------------------|-----------------------|---------------------------|-------------------------|
| • Data Structures  | • Algorithms          | • Artificial Intelligence | • OOPS Programming      |
| • Computer Network | • Database Management | • Operating System        | • Computer Architecture |

## Experience

### Smart India Hackathon

*Team Leader*

- Developed a service to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues.
- Incorporated scripts using Python and PowerShell to aggregate XML test results into an organized format and to load the latest build code onto the hardware, so that daily testing can be performed.
- Utilized Jenkins to provide a continuous integration service in order to automate the entire process of loading the latest build code and test files, running the tests, and generating a report of the results once per day.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.

## Projects

### PinBoard | MERN (MongoDB, Express.js, React.js, Node.js), Cloudinary, ShadcnUI

- Led the project as a team leader, coordinating tasks and development workflows.
- Designed schema for pins and users to efficiently manage data.
- Managed project deployment on GitHub, ensuring version control best practices.
- Conducted API testing using Postman to verify endpoints and data handling.

### Equiflow | MERN (MongoDB, Express.js, React.js, Node.js), Cloudinary

- Developed a full-stack stock trading platform enabling users to buy, sell, and analyze stocks in real time.
- Implemented real-time market data integration and order execution with WebSockets for a seamless trading experience.
- Designed a user-friendly dashboard with interactive charts and portfolio tracking for better investment insights.

### JobSphere | MERN (MongoDB, Express.js, React.js, Node.js), Cloudinary

- Developed a job portal allowing employers to manage job postings and candidates to apply with resumes.
- Integrated Cloudinary for efficient resume storage and retrieval.

## Additional Projects

- To-Do List App – Built a task manager app using React.js.
- Dictionary Web App – Developed a dictionary application with HTML, CSS, and JavaScript.
- Notes Saving App – Created a simple note-saving application using React.js.
- Real-Time Code Editor – Designed using the MERN stack.
- File URL Generator – Developed a web application to generate shareable URLs for files.

## Certifications / Achievements

- Solved advanced coding problems on LeetCode and HackerRank
- React Basics – Meta
- IBM Node.js & MongoDB: Developing Back-end Database Applications