

# Samarth Bagul

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LinkedIn

GitHub

## Education

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- Nutan Maharashtra Institute of Engineering and Technology, Talegaon, Pune.** *2021 – 2025*  
B.E in Computer Engineering **8.46 CGPA (Aggregate)**
- Shri Mhalsakant Vidyalay Akurdi.** *2020 – 2021*  
**82.33%**
- C.E.S Abhiman English Medium School Nigdi.** *2018 – 2019*  
**75.00%**

## Projects

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- StudyNotion - Comprehensive E-learning Platform** [SourceCode](#)
  - Developed an E-learning platform for students to purchase courses and instructors to manage content.
  - Implemented user Authentication and Authorization using JWT, Integrated Razorpay for payment processing and implemented password encryption using Bcrypt..
  - Built dynamic pages using React.js and Tailwind CSS. Designed course, dashboards pages etc.
  - Integrated Cloud Database to store video and image files.
  - Wrote reusable, testable code, optimizing for performance, scalability, and low latency.
  - Technologies Used: React.js, Node.js, Express.js, Tailwind CSS, MongoDB.
- A Responsive and Secure Bookstore Platform** [SourceCode](#)
  - Developed a 100% responsive BookStore User-Interface with light and dark mode features for enhanced user accessibility.
  - Featuring clean design elements, easy navigation, It allows users to explore books effortlessly.
  - Implemented secure user authentication and password hashing reducing unauthorized access incidents.
  - Technologies Used: Reactjs , Node.js , Express.js , and MongoDB.
- APIs based Weather Application** [SourceCode](#)
  - Developed a responsive real-time weather application using javascript, HTML5 and CSS.
  - Utilized OpenWeatherMap API to fetch **real-time weather data** for over 1,000 cities globally, ensuring accurate and up-to-date information for users.
  - Implemented dynamic data rendering using JavaScript, including location-based weather updates.

## Technical Skills

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- Languages:** C++, JavaScript, Python.
- Data Structures and Algorithms.**
- Frameworks:** Express.js, React.js, Tailwind CSS.
- Databases:** MySQL, MongoDB.
- Tools & Technologies:** Node.js, VS Code, MySQL Workbench, Postman, GitHub, HTML5.
- Version Control:** Git.

## Certifications

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- Data Structures and OOP's with C++.
- Web Development BootCamp [MERN].
- React With Practical Projects.
- Git Command Line For Beginners.