# Swapnil Deshmukh

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## Education

**Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded**    **2020 − present**
*BTech in Comupter Science and Engineering*    *CGPA : 8.43*

**Blue Bells jr. college,Nanded**    **2019 − 2020**
*Higher Secondary Education*    *Percentage : 74.63*

**Rashtramata High School, Nanded**    **2017 − 2018**
*Secondary School Education*    *Percentage : 91.00*

## Projects

**Multiplayer Game** | *React, React Three Fiber, Socket* | *github*    **August 2023**
- Designed and developed a multiplayer gaming application using **React Three Fiber** and **Socket.io**, providing an immersive and engaging user experience for a diverse player base.
- Enhanced player individuality by implementing avatar selection and enabled collaborative gameplay through **room creation**, fostering interactive experiences, and in-game object construction.
- Optimized component rendering with React memoization and pre-baking geometry to maintain **60 FPS** for all players across various devices

**Sggs News and Blogs Website** | *Reactjs, SCSS, mySql, express, bcryptjs* | *github*    **January 2021**
- Developed a single-page web application for news and blog consumption, empowering users to post and engage with diverse content from multiple sources, resulting in increased user interaction and content diversity.
- Expertly administered databases by executing **MySQL** queries, ensuring efficient data management and retrieval.
- Developed a responsive layout for the application, guaranteeing optimal viewing across a range of devices.

**Sggs 3D website** | *React, React Three Fiber, Three.js* | github    **November 2020**
- Created a fully responsive model of college using **Three.js**, HTML and scss.
- Enhanced user engagement by implementing a click-based interaction system within the model, resulting in improved user experience and increased information accessibility
- Utilized **Blender** to create the 3D model for SGGS.

## Certification

- Programming Fundamental
- Introduction to Database Management System
- Tools for Data Science
- Python for Data Science, AI & Development

## Technical Skills

**Languages**: C++, Python, Java, Node.js, HTML, CSS, JavaScript, Shell
**Database**: MySQL, RDB
**Frameworks,Technologies and Libraries**: Linux, GitHub, ReactJS, TailwindCss
**Tools and Platforms**: Git, Github, Linux, Blender
**Methodologies**: Software development life cycle (SDLC), Agile, Scrum, Waterfall, Software Testing

## Coding Profiles

- **Leetcode**
- **Codechef**
- **Codeforces**
- **GeekforGeeks**

## Achievements

- Secured Global rank of **22** in Codechef Long challenge in month of April among 12k+ contestants.
- Secured Global rank of **144** in Codechef Starters 27 challenge among 10k+ contestants.
- **3\*** on **codechef**, max rating 1671.