Yash Bhalekar

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# Education

**AISSMS Institute of Information Technology, SPPU** June 2026

*B.Tech. Information technology Current GPA: 8.50/10.0*

#  **Kai.b.r.patil High school and Junior college (PCMB)** June 2022

*marks: 85.5 percentage*

# Coursework

**Courses:** Object-Oriented Programming, Data Structures & Algorithms, Data Base Management System, Discrete Math, Linear Algebra, Calculus, Physics, Probability & Statistics

# Skills

**Languages**: Java, C++, python

**Tools**: Git/GitHub, VS Code,

**Frameworks Technology**: HTML/CSS, SQL

# Projects

**Pixal Adventure Game** *| Flutter, Dart, flame, , Git, VS Code, Tiled* Sep. 2023

* This was personal project built for exploring development process of game development
* The construction of maps was done in Tiled software which is integreated with Flame game engine
* Learned how to use Flutter to create a game and how to play with animations in flutter and flame

**Smart Meter App** *| Flutter, IoT, AWS Cloud Services, Firebase, TRB 145 Device, Git, VS Code, Mosquitto* Nov 2023 – Pres

* Architected and developed a mobile application using Flutter for Android and iOS devices to efficiently display and store electric meter data within the college premises.
* Implemented data communication from meters via the TRB 145 IoT device, seamlessly transmitting it to an AWS server using MQTT on an EC2 instance (virtual machine).
* Ensured continuous data tracking 24/7 with a robust backend system deployed on a virtual machine, laying the foundation for future data analysis and monitoring of large-scale electricity consumption within the college.
* Designed an intuitive user interface that simplifies the interpretation of complex meter readings, providing easy access to all meters on the college campus.

**CulinaryGuide** *| Flutter, Git, VS Code* Jan. 2022

* Developed a mobile app using Flutter to showcase detailed information about various food items.
* Applied knowledge gained from an online course to create a visually appealing and user-friendly interface.
* Implemented features allowing users to select favorite food items for quick access.
* Incorporated filtering options to enable users to refine their search and find specific food items easily.
* Utilized dummy data to populate the app, ensuring a clean UI and an intuitive user experience.

# Experience

**ACM Student Chapter Club** *| Member* Jan. 2023 – Present

* Active participant in diverse technical events and competitions organized at the inter-college level.

 **Information Technology Student Association** | Technical Member Aug. 2023 - Present

 . Manage a event like CSS battle , Code Hunt and many more.

## College-Level Project Competition 2023

* Participated in a project competition where our team developed a face detection-based website.
* Designed to enhance organizational funding efforts through innovative technological solutions.

# Hobbies

## Chess

* Active chess player since school, participating in various competitions at the district level.

## Reading

* Enthusiastic reader of articles and books covering a diverse range of topics.
* Constantly seeking knowledge to implement in real-life scenarios.