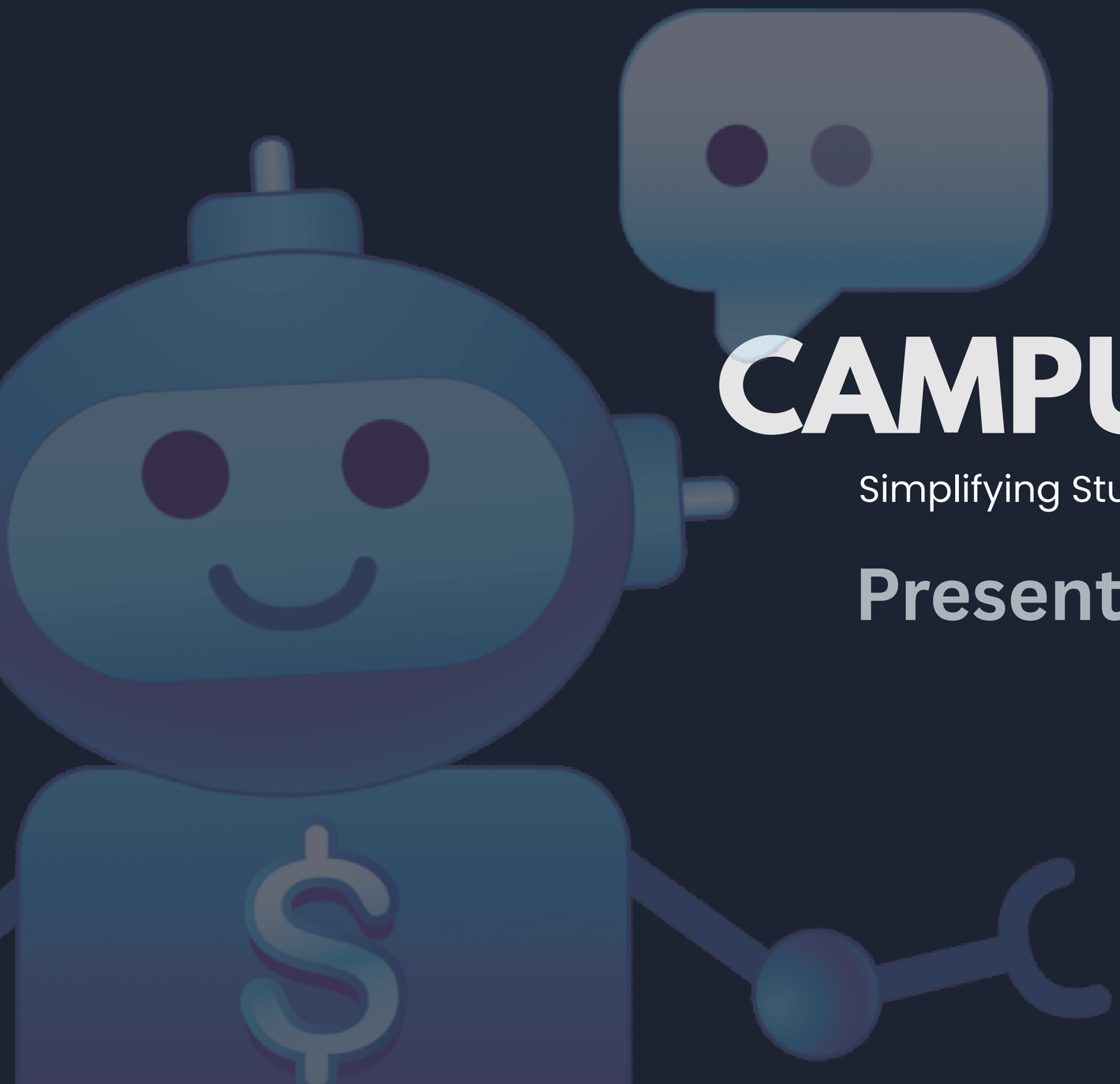

# CAMPUS CHATBOT

Simplifying Student Access to Campus Information

## Presented By-SheCodes

# TEAM NAME: SHECODES
# TEAM MEMBERS & THEIR ROLES

**MAHIMA PRABHAKAR & NEHA BAGHEL**

Collected Detailed information on chatbot features and suggested college related use cases

**ISHA CHOUHAN & SAMRIDDHI SHRIVASTAVA**

Set up Chatbot interface and functionalities.
Worked on frontEnd logic and layout.

**MOLEE JAIN & PALAK SITOLE**

Prepare for the final project demonstration
Get the project documentation ready in a proper format

# Problem Statement

Basic AI Chatbot for Campus Queries: A chatbot that answers questions about campus events, departments, and facilities.

# Purposed Solution

We aim to develop a basic AI chatbot that can instantly respond to common campus-related queries such as:

- Departments & Courses
- Admission Procedures
- Hostel Facilities
- Events & Activities
- Faculty Information

This solution will offer 24/7 support, reduce reliance on manual help desks, and enhance the overall user experience.

# WHY DO WE NEED A CAMPUS CHATBOT

1

**Information is Scattered Across Multiple Channels**

Students get info from different places—WhatsApp groups, notice boards, websites, or seniors. It's hard to find correct and updated info..

2

**Confusion Among Newcomers**

New students don’t know where to go or who to ask. They feel confused and sometimes get the wrong information..

3

**Lack of Centralized Query Resolution**

There is no single go-to platform where a student can ask, “Where is the library?”, “When is the next cultural event?”, or “Who is the HOD of CSE?” and get an instant, accurate reply.

# Campus Assistant

Online - Ready to help

Campus Info hub

👋Hi! I'm your Campus Assistant. I can help you with information about campus events, departments, facilities, and more. What would you like to know?

Departments | Admission | Facilities | Faculty | Contact

Ask me anything about SATI college....

Secure & Private  Instant Responses

💡 Try Asking :

CS Department Location | Open Dining | Book Study Room | WiFI Info

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**Contact Details**

11:11 AM

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11:11 AM

📌 Address: Samrat Ashok Technological Institute,
Civil Lines, Vidisha - 464001, Madhya Pradesh
📞 Phone: +91-7592-252100
✉️ Email: info@sati.ac.in
🌐 Website: www.satiengg.in

11:12 AM

Ask me anything about SATI college....

Secure & Private  Instant Responses

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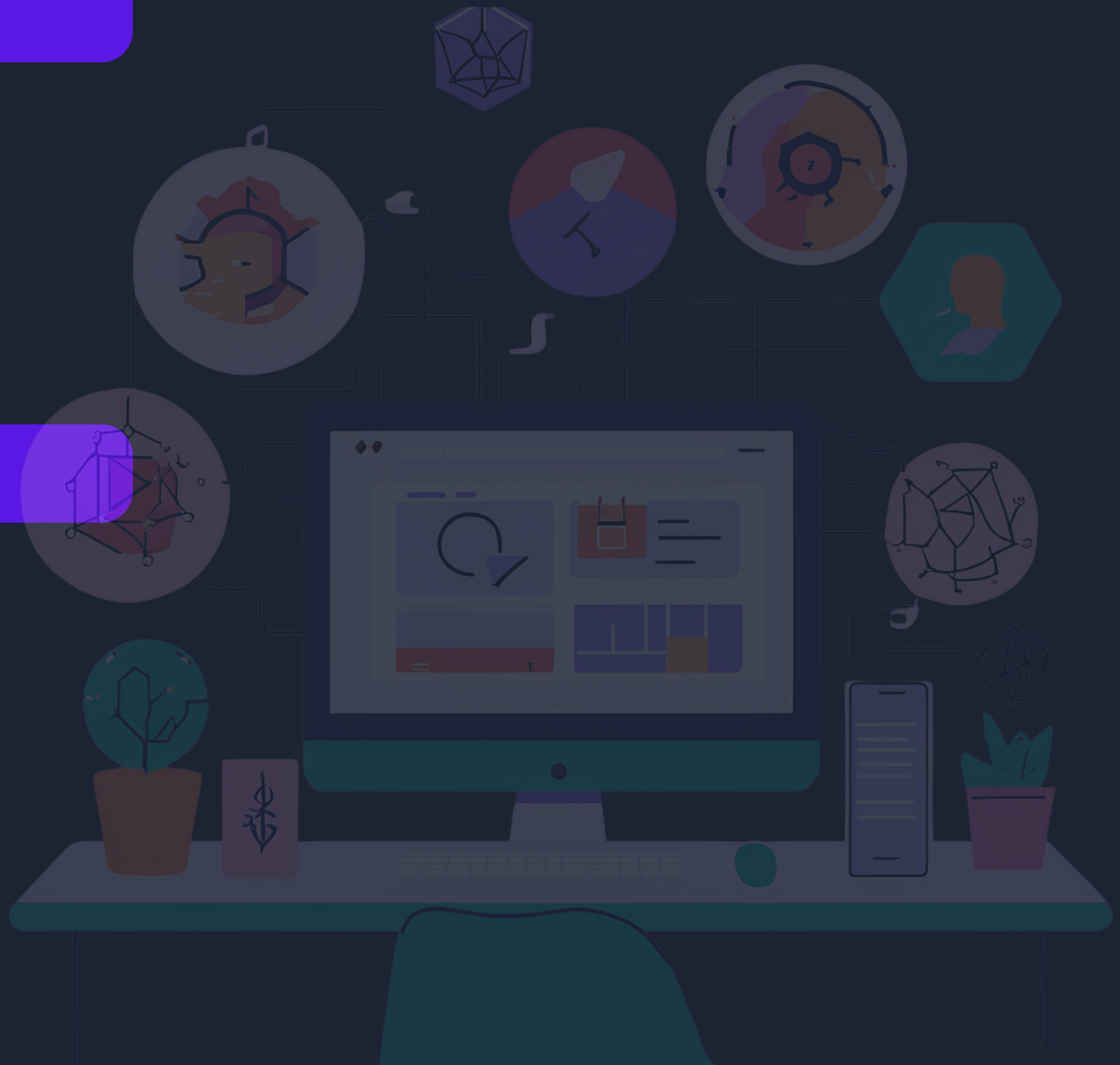
## Technology Used

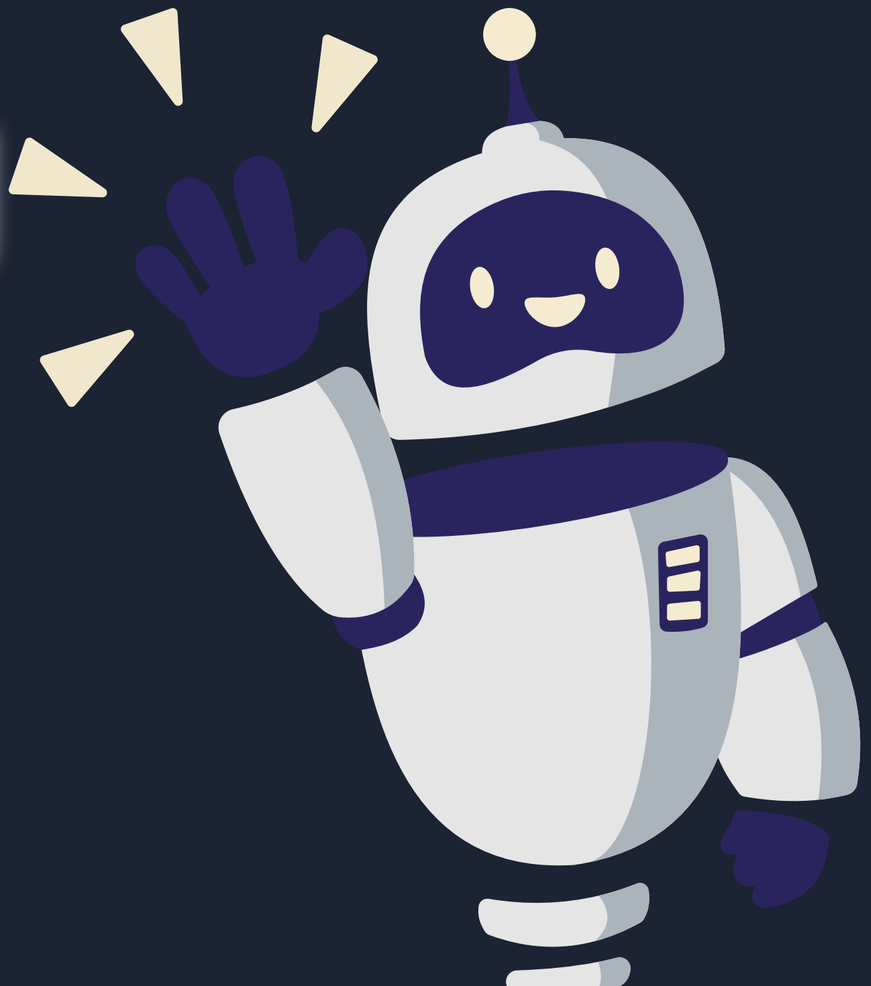
- Frontend: React.js, TypeScript
- Styling: Tailwind CSS
- Icons: Lucide-react
- Tools: Vite, Git, GitHub

## Key Features

- AI-powered chat interface
- Fast frontend using Vite
- Real-time messaging
- Responsive UI with Tailwind CSS
- Modular and scalable codebase
- Type-safe code using TypeScript
- Easy setup with developer guides



# Future Scope

- Integrate OpenAI API or LLM for smarter conversations
- Add user authentication (login/signup)
- Save and manage chat history with database support
- Train and use custom AI models
- Develop a mobile app version with React Native
- Add voice interaction using Web Speech API
- Deploy using Vercel, Netlify, or custom servers
- Enable multilingual support for wider reach

# THANK YOU