

Sparks *

BE THERE
EVEN WHEN
YOU ARE NOT

PRESENTED BY

- Team Sparks

Sparks *

Meet Our Team



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Agenda

- 1 Motivation
- 2 Challenges
- 3 Feasibility Study
- 4 Features
- 5 Logic
- 6 Live Demo
- 7 Conclusion

Motivation..?

- 1** Accessibility: Virtual event hosting platforms can provide opportunities for individuals who may have limitations to participate in events that they might not be able to attend in person.
- 2** Flexibility: Virtual event hosting platforms offer flexibility in terms of time, location, and format.
- 3** Cost-Effectiveness: Hosting physical events can be expensive
- 4** Enhancing Student Skills: Providing an opportunity for students to enhance their skills in different areas

Some Challenges Faced.

1

Technical Complexity: Developing a virtual event hosting platform can involve complex technical aspects, such as designing and implementing user interfaces, integrating various functionalities like live streaming, chat features, and registration systems, managing databases, and ensuring security measures.

2

Integration and Compatibility: Integrating various functionalities and third-party tools, such as video streaming services, registration systems, payment gateways, and social media platforms, can be challenging.

Some Challenges Faced.

3

Testing and Quality Assurance: Thoroughly testing the virtual event hosting platform to identify and fix bugs, performance issues, and other errors can be time-consuming and challenging.

4

Project Management -Ensuring effective communication, coordination, and collaboration among team members, and addressing any project management issues that arose on occasions required strong organizational and leadership skills.

Features

Log In/ Sign Up

Forgot Password

Authentication of
USER

Video Calling

Cloud Deployed

Market Insights

Deployable and Developed
for Resource Efficient Markets.

Post Pandemic effect

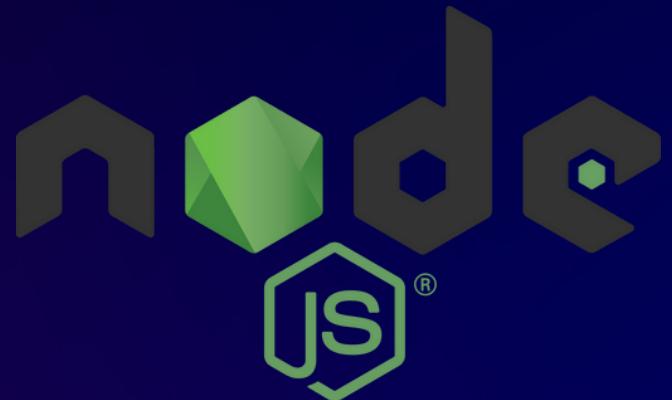




Add Company Name



Logic Design



Backend

We have used Node.js, Express.js, and MongoDB for building the backend of our web applications. These technologies are commonly used together to build scalable and high-performance applications. Node.js provides an event-driven architecture, Express.js simplifies the process of building web services, while MongoDB provides a flexible and scalable data storage solution. Together, these technologies enable developers to build modern web applications that can handle high traffic and large amounts of data.

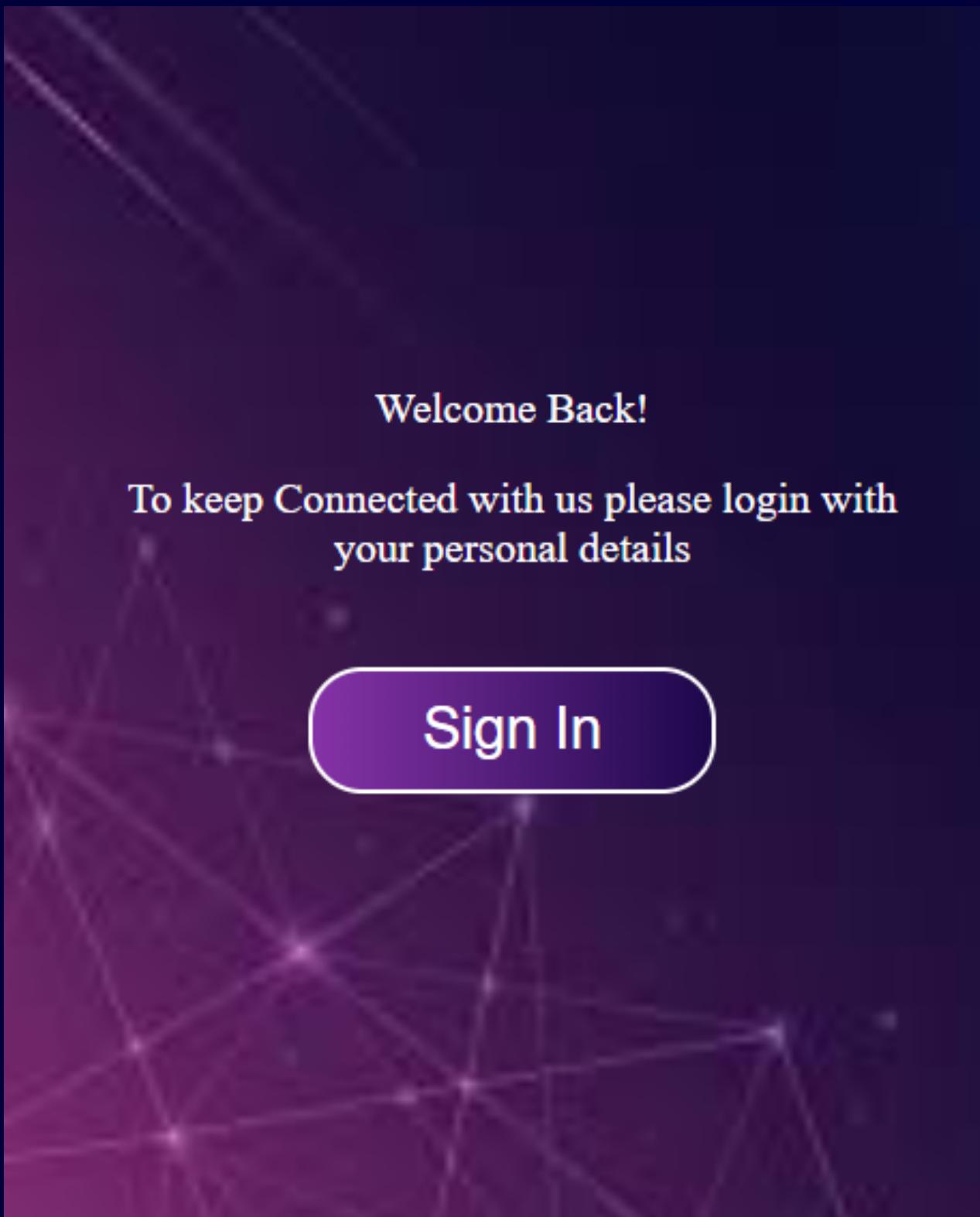


Database

We have used MongoDB as our database. MongoDB is popular NoSQL document oriented database system that uses a flexible data modal. MongoDB does not use tables and rows to stores data but rather documents that can have a different structure and schema

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Registration



Welcome Back!

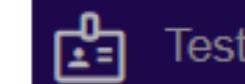
To keep Connected with us please login with
your personal details

Sign In

Create Account



or use email for registration



Test



test@gmail.com



....

Sign Up

Database

RegisterSchema.signups

STORAGE SIZE: 36KB LOGICAL DATA SIZE: 2.13KB TOTAL DOCUMENTS: 14 INDEXES TOTAL SIZE: 36KB

[Find](#) [Indexes](#) [Schema Anti-Patterns \(0\)](#) [Aggregation](#) [Search Indexes](#) [VISUALIZE YOUR DATA](#)

[INSERT DOCUMENT](#)

[Filter](#) Type a query: { field: 'value' } [Reset](#) [Apply](#) [More Options ▾](#)

```
_id: ObjectId('643c4ccdfbafe3662fd2414f')
name: "anurag"
email: "21bcs013@iiitdwd.ac.in"
Password: "$2b$10$i9PxRMvjJDJYH6onaIbkZ06BfHdR5IW16JVYdXpHZu1KJh2bwnS1W"
__v: 0
```

```
_id: ObjectId('643c56f8e96f56aaeb3ab515')
name: "test"
email: "test@gmail.com"
Password: "$2b$10$PC/kUaEjV0zS5bqMvEXgf.jpZpbjzVaf0/2Vd/6gSkvUQL7kl3Yli"
__v: 0
```

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Log In

Sign in to the Spark



or use email for your account

Enter email

Enter Password

[Forget password?](#)

[Sign In](#)

New Here?

Sign Up and discover a great amount of new
opportunities

[Sign Up](#)

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Forget Password

Change Password

 2301aayush@gmail.com





Next

Enter OTP

Submit

Otp has set to your registered gmail

Reset Password

Inbox x



anusinghbisen15@gmail.com

Your otp is: 023141

Sun, Apr 16, 3:43 PM (10 hours ago)



anusinghbisen15@gmail.com

to me ▾

Your otp is: 408499

1:59 AM (6 minutes ago)





Frontend

The three essential technologies used in frontend , namely HTML, CSS, and JavaScript. HTML is used for the structure and content of a webpage, CSS is used for styling and layout, and JavaScript is used for creating interactive features and enhancing user experience. The paragraph emphasizes that frontend development requires a good understanding of design principles and technical knowledge. The demand for user-friendly and engaging web interfaces makes frontend development a crucial area in the world of web development.

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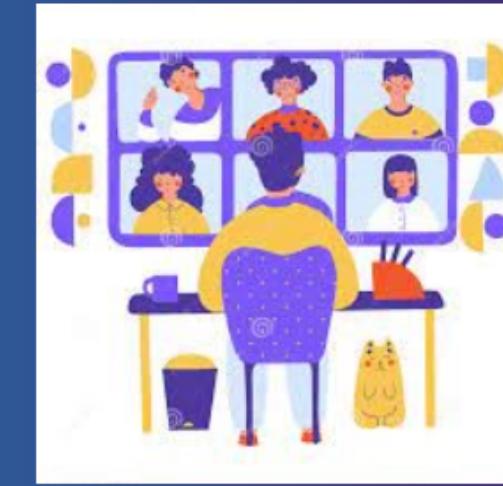
JOIN

HOST

LOG IN / REGISTER

**Be there,
even when you are not.**

Distance doesn't matter what matters is the meeting





Render

A render hosting platform is a cloud computing service that provides high performance computing resources for rendering computer-generated graphics, images, videos, and animations. These platforms are designed for industries such as film, animation, video game development, and architectural visualization. Users can access the resources remotely through a web-based interface or API and pay for usage on a subscription or usage-based basis. Using a render hosting platform can save users time and money by offloading rendering tasks to a third-party service and taking advantage of advanced features such as distributed rendering.

Features Of Render

Scalability

Performance

Security

Cost-effectiveness

Accessibility

render Dashboard Blueprints Env Groups Docs Community Help New +  Aayush Kumar ▼

WEB SERVICE

 **Sparks** Node Free Aayush-Kr-13/Software_project main

<https://sparks-zucc.onrender.com> 

[Connect](#)  [Manual Deploy](#) 

Events  Builds too slow? Upgrade to a paid instance type to go faster. Learn more about free instance type limits.

Logs April 16, 2023 at 7:46 PM Live

Disks 33d67b1 changes

Environment

Shell

PRs [Search](#) Maximize Scroll to top

Jobs Apr 16 07:48:04 PM => Uploading build...

Metrics Apr 16 07:48:32 PM => Build uploaded in 25s

Scaling Apr 16 07:48:32 PM => Build successful 

Settings Apr 16 07:48:32 PM => Deploying...

Apr 16 07:48:51 PM => Starting service with 'node app.js'

Apr 16 07:48:54 PM Warning: connect.session() MemoryStore is not designed for a production environment, as it will leak memory, and will not scale past a single process.

Apr 16 07:48:54 PM the application is successfully started at port 10000



Live Demo Of Sparks



Conclusion

A Combined Effort of Team Sparks.

The project has been an experience of immense learning taught us import social, communicational as well as technical skills

Vote of thanks to:

Dr. Uma Sheshadri
professor.
IIIT Dharwad

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Thank You

GIT HUB

<https://github.com/Aayush-Kr-13/CS301-Virtual-Event-Platform>



WEBSITE

<https://sparks-zucc.onrender.com/>

