

SUMON SOURABH GHOSH

Former - Assistant System Engineer (TCS)

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<https://sumon.online> Suri, Birbhum



PROFFESIONAL EXPERIENCE

Assistant System Engineer

Tata Consultancy Services 06/2022 - 02/2024 Kolkata

- 1 Year and 7 Months of Experience at **TATA CONSULTANCY SERVICES**.
- Experience as a **Group Leader of Trainee Assistant System Engineers**.
- Trained on working in **Agile Environment**.
- Trained on IT Security. (**Deploying Backend** to a server and **obtaining SSL certificate** for extensive security.)
- Experience on **React Native** and **Flutter** for Frontend Development.
- Experience in **Firebase, NodeJS** and **AWS** for Backend and Server Development.
- Trained on **Quality Assurance**.
- Trained on **Mainframe Technologies** for Legacy Level Optimization.

Academic projects

Self 2020 - 2024 Suri

- Built a working Server** which is deployed in my Home Desktop to run a video Streaming Service which would playback the videos I own. (<https://sumon.online>)
Things I've Learnt from this:
 1. **Deploying a Server.**
 2. **Managing a Service.**
 3. **Creating a User Account.**
 4. Obtaining a **SSL Certificate**.
 5. Cloudflare **DNS Tunnelling**.
 6. Creating the **Backend and Frontend**.
 7. **Backtesting** the Server for **scalability Issues**.
- Built a program to **detect gestures** from your hand to **imitate a mouse**.
- Built a **Generative AI** that uses OpenAI's API to use GPT 3.5 to route this to a program written on Python.
Things I've Learnt from this:
 1. **Managing a API's Response.**
 2. **Using vosk and Pyttsx3** to Listen and Response to my Commands, Including **System Commands** like Shutdown and Reboot.
 3. **Using pyinstaller · PyPI** to make an exe (Windows Executable file) so that it can run infinitely.
 4. It can respond after you say "**Hey Friday**" and then ask for query.
- Built Arduino projects (**Fire Alarm System, Heartbeat Monitor, Temperature Measurer**, etc.)
- Built a Chair which detects any person sitting or not to turn off lights and fans off for that particular place in an auditorium.
- Built Some Basic Apps in Android Studio (Photo Slideshow, **TicTacToe**, etc.)
- Built a **Flappy Bird Game** for Android.

SUMMARY

To pursue a highly challenging and motivating career that provides an opportunity to work with the latest technology and outstanding projects and to be recognized as a responsible and competent professional.

TRAINING / COURSES

Certificate of Participation

Code with ken

Android App Development

NISC Certificate for Internship

Java Programming

Sathyabama University

LANGUAGES

English	Native	<div style="width: 100%;"><div style="width: 100%;"> </div></div>
Bengali	Native	<div style="width: 100%;"><div style="width: 100%;"> </div></div>
Hindi	Native	<div style="width: 100%;"><div style="width: 100%;"> </div></div>

SKILLS

React Native	NodeJS Backend
AWS Development	Docker Containers
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Firebase Integration	
Flutter Development	SSL Certificate
Cloudflare Tunneling	Generative AI
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Open Media Vault Server	
Python Programming	Vosk
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Quality Assurance	
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Mainframe Technologies	
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Backend Deployment	
Pyttsx3 Listening	System Commands
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Video Streaming Server	

EDUCATION

B.E/B.Tech in Electronics and Communication Engineering

Sathyabama Institute of Science and Technology

08/2018 - 09/2022 Location

- Sathyabama Institute of Science and Technology

XII - Higher Secondary

Kendriya Vidyalaya Birbhum

- Science Stream with Mathematics

2017 - 2018 Suri

X- Secondary Board Examination

Kendriya Vidyalaya Birbhum

- General 10th Standard Subjects of CBSE

2016 Suri

FIND ME ONLINE



Github

github.com/sghoshm

PASSIONS



Bike riding