

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:
 - Deploying a Server.**
 - Managing a Service.**
 - Creating a User Account.**
 - Obtaining a **SSL Certificate**.
 - Cloudflare **DNS Tunneling**.
 - Creating the **Backend and Frontend**.
 - 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:
 - Managing a API's Response.**
 - Using vosk and Pyttsx3** to Listen and Response to my Commands, Including **System Commands** like Shutdown and Reboot.
 - Using pyinstaller · PyPI** to make an exe (Windows Executable file) so that it can run infintely.
 - 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></div>
Bengali	Native	<div></div>
Hindi	Native	<div></div>

SKILLS

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

📅 2017 - 2018 📍 Suri

- Science Stream with Mathematics

X- Secondary Board Examination

[Kendriya Vidyalaya Birbhum](#)

📅 2016 📍 Suri

- General 10th Standard Subjects of CBSE

FIND ME ONLINE



Github

github.com/sghoshm

PASSIONS



Bike riding