

Rishi Mondal

+91-7439596966 | mavrickrishi@gmail.com |
<https://www.linkedin.com/in/rishi-mondal-5238b2282/> | <https://github.com/mavrick-1>

EDUCATION

Makaut university

Bachelor in Computer Application | CGPA: 8.58

West Bengal, India

July. 2022 - Sep . 2025

TECHNICAL SKILLS

Languages: Go, JavaScript (ES6), TypeScript, Python, C, C++, Java, HTML, Tailwind Css, CSS, SQL Material ui.

Frameworks/Libraries: React, Angular, Bootstrap, NumPy, Vue, Flask, TensorFlow

Developer Tools: Docker, Ansible, AWS, Neo4j, Grafana, kubernetes, kafka, Node.js, PostgreSQL, MongoDB, Jupyter, Unix, Visual Studio Code, Git, Github, Heroku, Figma

WORK EXPERIENCE

Full Stack Engineer

Mar. 2023 - present

Google Summer of Code @UC OSPO ,

California, USA

- Utilize a tech stack with TypeScript backend, Angular frontend, RxJS and NgRx for Firebase interactions, data management with Firebase, and incorporate Generative AI and workflow enhancements.
- project link : <https://summerofcode.withgoogle.com/programs/2024/projects/wTxAXxEz>

Lead Web Developer

Feb. 2023 - present

Tech4Good Lab at University of California, Santa Cruz

California, USA

- Full Stack Developer for the **Causeway** application, utilizing TypeScript, Angular, RxJS, NgRx, and Firebase for development and data management.

Software Engineering Inter

Jul, 2024 - present

Headstarter AI

NY, Usa

- Working with cutting-edge AI technology, specializing in large language models (LLMs).

Mentor

AnitaB.org

Apr .2024 - Jul. 2024

- Mentored aspiring developers as a web mentor at AnitaB.org, providing guidance and support in web development projects.

Open Source Software Engineer Intern

Nov. 2023 - Jun. 2024

Internet Health Research ,

Tokyo, Japan

- Developed a Python library for seamless integration with the Neo4j knowledge graph and expanded it by incorporating Rovista information.

Project Admin and Mentor

May. 2024 - Aug. 2024

GirlScript Summer of Code

Delhi, India

- Mentored the GirlScript Summer of Code program with over 20,000 active contributors, and served as Project Admin for Nest ONDC ([GitHub](#), [Deployment](#)).

Software Development Intern

Jan. 2024 - Mar. 2024

Oasis Infobyte ,

Gurgaon, India

- Developed a Python library for seamless integration with the Neo4j knowledge graph and expanded it by incorporating Rovista information.

Project Admin

Jun. 2024 - Aug. 2024

Social Summer Of Code

Delhi, India

- Mentored the GirlScript Summer of Code program with over 20,000 active contributors, and served as Project Admin for Nest ONDC ([GitHub](#), [Deployment](#)).

HONOURS AND AWARDS

Selected For [Harvard Project for Asian and International Relations \(HPAIR\)](#) Delegate ,Selected for [Google Summer of code](#), Top 10 in ONDC Google Cloud hackathon, Selected as Mentor in [GSSoC](#), [SSoC](#) and [AnitaB.org](#), Top 1000 Contributors in [Hacktoberfest](#), [Headstarter AI](#) fellow, First Position on Inter College Coding Competition.

PROJECTS

- RishiAi - Free ChatBot CLI** *TypeScript, Node.js, Generative AI, Git* Jun. 2024 - present
- RishiAi is a command-line interface (CLI) AI ChatBot that uses Google's Gemini API to generate natural language responses. You can chat with RishiAi about anything, from images to documents, and have fun and engaging conversations
 - [Github](#) , [Documentation](#)
- Speech Emotion Recognition using NLP Audio & Text** *TensorFlow, Keras, Streamlit, NLTK, Pickle, JupyterLab (Intel oneAPI 2023) kernel* Mar. 2024
- Human-Computer interactions make it mandatory to get accurate communications, like both humans. If computer identification means we will get clever interaction We might be on the verge of too many screens. It seems like everyday, new versions of common objects are "re-invented" with built-in Wi-Fi and bright touchscreens. A promising antidote to our screen addiction are voice interfaces
 - Repository link : <https://github.com/MAVRICK-1/Intel-oneAPI-Speech-Emotion-Recognition>
- ONDC Build for Bharat Hackathon Project** *Reactjs, Node.js, Openstreet map, Tailwind Css, Material UI, Firebase, Github Api* Feb. 2024
- I lead an ONDC site project integrated with OpenStreetMap to provide seamless digital commerce for Bharat's businesses and consumers. We use ONDC APIs for data, Firebase for the backend, and React for the frontend.
 - Hosted at : <https://nestondc.el.r.appspot.com/> ,
 - Repository link : <https://github.com/SHANKARA-CODERS/NestONDC>
- Internet Health Report: IYP (Internet Yellow Pages) Python Library** *Python, Neo4j* Jan. 2023 - Mar. 2023
- Developed a Python library for Neo4j integration and expanded the knowledge graph with Rovista data.
 - Repository link : https://github.com/MAVRICK-1/IYP_Lib
- Monitoring with Prometheus and Grafana Integration** *Go, Grafana, prometheus* Jul. 2024
- This project integrates a Go-based web app with Prometheus and Grafana for monitoring and metrics visualization, simulating device management with endpoints for device registration, firmware management, and user logins.
 - Repository link : <https://github.com/MAVRICK-1/monitor-golang>
- Brainwave** *Reactjs, Tailwind Css* Apr. 2024
- Brainwave is a modern UI/UX website developed using React.js and Tailwind CSS
 - Hosted at : <https://brainwave-hazel.vercel.app/>,
 - Repository link : <https://github.com/MAVRICK-1/Brainwave>