Rahi Joshi

📞 +91-9689800742   ✉ rahij2020@gmail.com   in www.linkedin.com/in/rahi-joshi

Education

BITS Pilani Goa Campus   **2019 – 2023**
Bachelors of Engineering in Computer Science (Hons), minor in English   *Goa, India*

Relevant Coursework

- Data Structures and Algorithms
- Object Oriented Programming
- Database Management
- Artificial Intelligence
- Operating Systems
- Computer Networks
- Design and Analysis of Algorithms
- Compiler Construction
- Discrete Math

Experience

Shalaka Connected Devices   **May 2021 – July 2021**
Software Engineer Intern   *Pune, Maharashtra*

- Designed a Cloud-based Web Application for Inertial Measurement Unit for Stability of Mobile Systems
- Collaborated with a team of five to develop an app that read the data through user input and saved it in a database, filtered the data and displayed the data in tabular and graphical forms
- Used Javascript, Node JS, Python and SQL

Projects

Own Programming Language | *Python, Sly*   **Feb 2022 - Present**
- ∗ Working on creating a new programming language that can be used by game developers to code the Tetris game
- ∗ Goal is to make an object oriented language that allows the programmer to make various customizations to the game
- ∗ Implemented the Scanner of the language using Sly library of Python
- ∗ Currently working on implementing the Parser

MindMap | *Python, NumPy, MatPlotLib, TensorFlow*   **March 2022 – Present**
- ∗ Developing Mental State Monitoring System for Personalized Healthcare using Mobile and Wearable Devices
- ∗ Working under Professor Surjya Ghosh of BITS Pilani, Goa Campus
- ∗ Collected Data of more than 20 students and their emotional states throughout the day
- ∗ Implementing a machine learning model using Random Forests to predict their mental state at specific times of the day

World Time App | *Flutter, Dart, Android Studio*   **December 2021**
- ∗ Created an Android application using Flutter and Dart in Android Studio to display the time in different parts of the world on one screen
- ∗ Utilized the World Time API to access the timezones
- ∗ Implemented a minimalist, aesthetic and user-friendly UI

Technical Skills

Languages: C++, Java, Python, Dart
Developer Tools: VS Code, IntelliJ, Google Colab, Android Studio, Postman

Leadership

TEDxBITSGoa   **May 2021 – Present**
Publicity Head   *BITS Pilani, Goa*
- ∗ Lead the team in managing the social media presence, website updates, and marketing material for the organization

Table Tennis Team   **August 2021 – Present**
Vice Captain   *BITS Pilani, Goa*
- ∗ Manage and train the women's table tennis team and represent BITS Goa at various inter-college tournaments

Extracurricular activities

German   **2017 – Present**
- ∗ Course Instructor of two introductory German courses for 250+ students from colleges all over India
- ∗ C1 level in the German language

Yoga   **2015 – Present**
- ∗ Silver medal at an International Yoga competition conducted by Students Olympic Association, Malaysia 2017
- ∗ Yoga Demonstrator at YogFormance, an organization that teaches yoga to the women's football team of a dutch school
- ∗ Honored by the Mayor of Pune for achievements in Yoga, Pune 2017