

# Suhail Sharieff

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## EDUCATION

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University Visveswaraya College of Engineering, Bangalore

2027

*Bachelor of Computer Science, CGPA: 9.35*

*Relevant course work: Data Structures and Algorithms, Computer Organization & Architecture, Digital System Design, Object Oriented Programming*

## PROFESSIONAL EXPERIENCE

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Marvel Labs, Bengaluru

Nov 2024

*Role Apprenticeship*

- Proficient in Linux OS, hardware welding, Arduino programming, Git version control, and participated in a Generative AI bootcamp.

Girl Script Summer of Code, Remote

Oct 2024

*Role Contributor*

- **Resolved Critical Bugs** in production ready websites, hence improving overall functionality, stability and user experience.
- **Optimized Backend Logic** reducing reload times by 40%, enhancing user experience and engagement.

## PROJECTS & EXTRACURRICULAR

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### Surakshit

- Engineered Surakshit Link, an innovative disaster management application that improved real-time response capabilities for governments managing victims of natural disasters; secured one of the highest honors at a prestigious national-level hackathon competition.
- Integrated live data feeds to provide **real-time tracking** of disaster events and location of affected victims. Incorporated data analytics for tracking effectively with NGOs and government.
- Victim Tracking & Coordination: interactive maps using Google API for efficient routing & resource allocation. Integrated reports and dashboards for visual representation of disaster impact.
- Victim Registration system allowing them to log their status send distress signals and receive immediate assistance
- **Technologies:** ReactJS, Tailwind CSS, Flask, GAPI

### JusTex

- Utilizes JavaScript libraries like socket programming to enable real-time communication between users
- The application endures low latency instant message delivery with a robust message queue system to handle the chat synchronization.
- The project is still under the development and currently implementing a persistent storage system using SQLite or my SQL where users can retain their past conversations with advanced filtering and search capabilities of their chat histories.
- **Technologies:** JWT(JSON Web Token), Multithreading, Java AWT, Swing

### Quizzzy

- Displays quiz questions on card like panels with options for multiple answers with next or previous page navigations to keep track of quiz progress currently working on timer functionality and real time feedback also the scoring system
- Use the views of Array List & HashMap for easy management
- **Technologies:** Multithreading, Java AWT, Swing

### Songify

- A lightweight responsive song player having play, Pause skip audio controls volume control shuffle repeat and tracking functionalities with favorites management.
- Currently working on the implementation of sorting and filtering option on the songs in MP3 format
- **Technologies:** HTML5, CSS, JS

### Sikshak Saathi

- A lightweight attendance app specifically designed for teachers/professors belonging to any educational institute.
- Uses SQLite to store data locally (v1.0.0). Allows dynamic addition of classes and students. Working upon Firebase integration currently.
- Shows analytics of student data be it for entire class or an individual student. Student data is editable too. Analysis are displayed in the form of charts which fetch current data from Database.
- Contains integrated scheduler with calendar, thus allowing teacher to schedule their classes and get notified accordingly. Exceptions are very well handled.

### Activity

- Participated in Bit'n Build Hackathon at international level
- Lead my team in hackathons (mainly backend).
- Secretary Interact Club, Ramanagaram

### Achievements

2024

- Rank 1 in Hackerank NCode Contest October 2024. Appeared in top 5 members in 3 consecutive contests.
- Selected as contributor in GSSOC'24
- District level chess player

## SKILLS

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**Programming Languages:** Java (Advanced), C (Intermediate), C++ (Beginner), JavaScript (Intermediate), Python (Beginner), Dart (Intermediate)

**Frameworks and Libraries:** Flutter, Tailwind CSS, Node.js, React, Spring Boot (Basic)

**Tools and Technologies:** Git, Firebase, MySQL

**Languages:** English, Urdu, Kannada, Hindi, Arabic