

# Theja B H

Bengaluru, Karnataka | <https://www.linkedin.com/in/theja-bh/> | 6361634644 | [bhtheja2002@gmail.com](mailto:bhtheja2002@gmail.com)

**CAREER OBJECTIVE**- Aspiring software developer with a strong foundation in building real-time applications and optimizing user interfaces, eager to tackle complex problems and thrive in a challenging development role.

## EDUCATION

**Sir M Visvesvaraya Institute of Technology**

- Bachelor of Engineering in Computer Science and Engineering -8.43 CGPA

**Bengaluru, Karnataka**

2020-2024

**Air Force School Hebbal**

- XII Std- 90.4%
- X Std- 80%

**Bengaluru, Karnataka**

2020

2018

## SKILLS & INTERESTS

- Technical Languages: **Python**, C++, Java, HTML, CSS, JavaScript, PHP
- Machine Learning & Libraries: TensorFlow, Matplotlib, **Numpy**, Pandas, OpenCV
- DBMS: **MySQL**, MongoDB, Firebase
- Version Control/IDE: **Git**, GitHub, VSCode

Interests- **Photography**, Art and Craft, Sudoku Solving, Gaming

## EXPERIENCE

**Project Intern, LRDE, DRDO**

- Worked on simulation using **Python**, **Numpy**, **sklearn**, **Matplotlib**.
- Engineered a radar signal detection model through the application of Censored CA-CFAR and machine learning techniques, achieved a 92% interference detection accuracy over previous methodologies within a two-month development period.

**Software Developer Intern ( Full Stack Developer) ,SIRAOM PVT LTD**

- Worked on database development using **PHP**, **MySQL**, and **Laravel framework**.
- Collaborated with Design Team, redesigning **UI/UX** of website and functionalities.
- Gained hands-on experience in **Api** and **Database** Development.

## PROJECTS

**Real-Time Indian Sign Language Recognition System**

( <https://www.github.com/thejabh/Real-Time-Indian-Sign-Language-Recognition-System> )

- Tools Uses: **Python**, **Tensorflow**, **OpenCV**, **Tkinter**, **Labeling**
- Developed a real-time sign language recognition system that achieved a 90% accuracy rate in gesture recognition
- Implemented advanced machine learning techniques and real-time data processing to facilitate seamless communication for the hearing impaired

Currency Management System ( [AmanT0mar/Cryptocurrenecy-management \(github.com\)](https://github.com/AmanT0mar/Cryptocurrenecy-management) )

- Tools Used: **Python**, **MySQL**, **CoinCap API**, **Tkinter**
- Integrated CoinCap API for up-to-date cryptocurrency prices, resulting in accurate and reliable market information.

Career Mentor ( <https://github.com/thejabh/CareerMentor> )

- Tools Used: **Java**, **XML**, **UI**, **Android**, **Firebase**
- Developed an Android app to connect students with alumni and industry professionals, facilitating mentorship and networking opportunities through features like user registration, mentor search, and real-time chat.

Browser Games ( <https://github.com/thejabh/web-mini-project> )

- Tools Used: **HTML**, **CSS**, **JavaScript**, **Git**
- Focused on game logic implementation and responsive design.

## TRAINING/COURSES

**Database Management System, SWAYAM, IIT Kharagpur**

**Programming in Java, SWAYAM, IIT Kharagpur**

## ACHIEVEMENTS

- **HP Codewars 2020**, Represented school at HP Codewars 2020, showcasing coding skills and problem-solving abilities.
- Organized and executed the BGMI event during the intra-college fest (VERVE) at Sir M. Visvesvaraya Institute of Technology, attracting over 200 participants.
- **InCTFJ 2019**, **One** amongst the **top 20** participants in the Cyber Security Event held at Amrita Vidyapeetham.