

# Joe Selva Rakshan

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## Education

### KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

VIRUDHUNAGAR

B.Tech in Information Technology

Cum. GPA: 7.630 / 10

2021-2025

### BOO VIJESH MATRICULATION HR SEC SCHOOL

MUKKUDAL|TIRUNELVELI

HSE Percentage:89

2020-2021

### BOO VIJESH MATRICULATION HR SEC SCHOOL

MUKKUDAL|TIRUNELVELI

SSLC Percentage:83

2018-2019

## Links

🐙 GitHub [joeselvarakshan](#)

in LinkedIn [joeselvarakshan](#)

## Skills

### ADVANCED

- C
- HTML •CSS
- MYSQL
- PHP
- React JS

### BEGINNER

- Java (oops)

## Course Work

### CERTIFICATION

ALGORITHMS DATA COLLECTION|COURSERA

DEEP LEARNING|PYTHON

INFOYS SPRINGBOARD|REACT JS

## Interest

### TECHNICAL

- Machine Learning
- Artificial Intelligence
- Fullstack development

### NON TECHNICAL

- Editing

## Projects

### SMART INDIA HACK-A-THON 2024 - Present | India

#### APP BASED DIGITAL AUDIOMETER

- React Js |Node Js | Chart Js
- This **App-Based Digital Audiometer** designed for the modern era, offering a portable, cost-effective solution to assess an individual's hearing capabilities.
- Its provide the result as similar to **otolaryngologist** provide in Graphical format.

#### CONSTRUCTION PRODUCT BOOKING

2024 | FULL STACK DEVELOPMENT PROJECT

- Developed a comprehensive online platform for the seamless booking of construction products, including bricks, cement, and steel.
- This project showcases my skills in full stack development, integrating both frontend and backend technologies to deliver a functional and reliable solution.

#### BIRDS AND ANIMAL SPECIES IDENTIFICATION

A machine learning-powered species identification app using Python, Flask, HTML, and CSS that identifies animals and birds from images with a user-friendly upload and prediction interface.

**AQUATIC BLOG** An aquatic-themed blog built with React.js, MongoDB, and Node.js displays aquatic proverbs and species insights, featuring smooth navigation, animations, and a profile page for liking and viewing updates.

## Internship

### FUTURIK TECHNOLOGIES

Web development|Dec 2022|Madurai|10 days Gained hands-on experience with front-end and back-end technologies, including HTML, CSS, JavaScript, and PHP. Contributed to building responsive, user-friendly websites and optimizing performance.

### PHOENIX SOFTECH

App development in android|Jun 2023|Madurai|15 days Developed and enhanced Android apps using Java, focusing on user interfaces and key features. Gained experience with Android Studio and APIs, ensuring high-quality mobile applications.

## Awards

2024 National Best Presentation Award -ETET2024 |NIT-Pudhucherry  
2024 Conference Institution's Innovation Council MOE's Innovation Cell  
2024 1st Prize Ideathon ' 24 Project Contest at Mepco Schlenk College of Engineering

## Patent

### DEVELOPMENT OF AN APP-BASED AUDIOMETER FOR HEARING ASSESSMENT

April 2024

**Application Number: 202441028408**

"The Digital Audiometer App improves **hearing assessments** with an easy-to-use, cost-effective solution that delivers graphical results akin to those from an otolaryngologist.