

# RAJ KUMAR M

Aruppukottai, Tamilnadu | B.Tech Information Technology

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## OBJECTIVE

Highly motivated and resourceful IT graduate with a strong foundation in HTML, CSS, JavaScript, and experience in developing innovative web designs and features. Passionate about creating user-friendly interfaces and eager to contribute to web development projects while expanding my technical expertise.

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## PROJECTS

### OBJECT DETECTION USING PYTHON

- Technologies Used: Python
- Description : Developed a real-time object detection application using Python and OpenCV. Users can upload photos or videos via smartphones for object recognition and detection, enabling applications in surveillance, automotive safety, and augmented reality

### GREEN SENSE FLOW: HARNESSING IOT FOR SMART AND EFFICIENT IRRIGATION

- Technologies Used : Embedded C, IoT
  - Description : Designed and implemented an IoT-based smart irrigation system using Embedded C and Arduino, optimizing water usage by automating irrigation based on real-time sensor data for soil moisture, temperature, and water levels. Integrated with a mobile app for remote monitoring and control, supporting sustainable gardening practices.
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## TECHNICAL SKILLS

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|--------------------------|---|
| • Language               | - JAVA                                    |
| • Query Language         | - SQL                                     |
| • Front-End Technologies | - HTML   CSS   JAVASCRIPT   REACT JS      |
| • Frame Work             | - BOOTSTRAP   HIBERNATE                   |
| • Core Concepts          | - DBMS                                    |
| • Other Tools            | - VS Code   GITHUB   GIT   JDBC   SERVLET |
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## EDUCATION

<b>Bachelors of Information Technology</b> Kongunadu College of Engineering and Technology, Trichy.	2020-2024 7.79-CGPA
<b>12th HSC</b> S.B.K Higher Secondary School, Aruppukottai.	2019-2020 69.4%-Grade
<b>10th SSLC</b> S.B.K Higher Secondary School, Aruppukottai.	2017-2018 74.5%-Grade

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## CO-CURRICULAR ACTIVITY

- Presented a paper “Data Science” in Karpagam college of Engineering and Technology.
  - Presented a paper “Metaverse” in Excel college of Engineering.
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## EXTRA-CURRICULAR ACTIVITY

- Represented college in cricket at Anna University Zone and District Level Matches, winning several awards.
  - Participated in college Cultural Events.
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## AREA OF INTERESTS

### WEB DEVELOPER

- Passionate Web Developer always ready to learn new web technologies to improve my skills in web development.
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## CERTIFICATIONS

- Web Development Internship - NEXITENCE TECHNOLOGY LLP
  - Advanced Java Value Added Course - MACNUS SOLUTIONS
  - Java Full Stack - JSPIDERS, Bangalore
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## PERSONAL DETAILS

FATHER NAME : A. MURUGAN  
MOTHER NAME : M. ANGALAESWARI  
DATE OF BIRTH : 02/03/2002  
BLOOD GROUP : O+v

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