# AROCKIA JONES C

## GET IN TOUCH!

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arockiajones2003@gmail.com

## SKILLS

- Electronics

## LANGUAGES KNOWN

English ( Both )
Tamil ( Both )

## CERTIFICATIONS

- Google AI Essentials

## TEST RANKS

- JEE Mains : 62

## RESUME SUMMARY

As an aspiring engineer with a keen interest in Electronics and AI, I possess a strong foundation in Electrical and Electronics engineering from Sastra University. I aim to leverage my skills in AI and competitive exam achievements to contribute effectively to innovative projects.

## PERSONAL DETAILS

Current Location   Tiruchirapalli
Date of Birth      April 3, 2003
Male

## EDUCATION

### Graduation

| | |
|---|---|
| Course | B.Tech/B.E. ( Electronics/Telecommunication ) |
| College | Sastra University, Thanjavur |
| Score | 5.1% |
| Course | B.Tech/B.E. ( Electrical and Electronics ) |
| College | Sastra University, Thanjavur |

### Schooling

| | Class XII | Class X |
|---|---|---|
| Board Name | Tamil Nadu | Tamil Nadu |
| Medium | English | English |
| Year of Passing | 2021 | 2019 |
| Score | 90.8% | 90% |

## PROJECTS

### IOT DRIVEN DIABETES PREDICTION SYSTEM EMPOWERED BY MACHINE LEARNING | January 2025 - May 2025

- Developed a smart, non-invasive health monitoring system that predicts diabetes risk using real-time physiological data. The system uses an Arduino-based hardware setup integrated with sensors to collect heart rate, SpO?, and blood glucose estimates. A web-based interface, built using HTML, CSS, JavaScript, and Flask, allows users to input readings and instantly receive predictions from a machine learning model (Random Forest) trained on a public diabetes dataset. The project focused on accessibility, affordability, and early detection, with future scope for real-time sensor integration and improved accuracy through algorithm enhancements.