

# KAKARALLA PRAKASH

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Motivated student with time management and organizational skills, seeking to apply expertise in esteemed companies.

EDUCATION	Year Of Passing	CGPA
<b>B Tech, Computer Science and Engineering</b> Vellore Institute of Technology, Amaravati	2020 – 2024	7.75*/10
Narayana Jr College, Tirupati	2018 – 2020	9.17/10
Red Cherries School, Tirupati	2017 – 2018	9.3/10

## SKILLS

<b>Programming languages</b>	Java, R, Basic Python.
<b>Web Technologies</b>	HTML, Basic SQL, PHP
<b>Core Concepts</b>	Database Management System (DBMS), Operating Systems (OS), Object Oriented Programming (OOPS)
<b>Non-Technical Skills</b>	Project Documentation, Communication, Well-Organized, Teamwork

## WORK EXPERIENCE

SMART INTERNZ Externship Program

- Gained hands-on experience and practical knowledge by completing a project using Kotlin Android Development.

## CERTIFICATIONS

- |  |                        |
|--|------------------------|
| • Externship Certificate on Kotlin Application Development         | Issued Date: July 2023 |
| • Microsoft Azure Fundamentals                                     | Issued Date: May 2023  |
| • MATLAB Onramp Course by MathWorks                                | Issued Date: Feb 2021  |
| • Oracle Cloud Infrastructure 2023 Certified Foundations Associate | Issued Date: Aug 2023  |

## PROJECTS

**SMART WATER QUALITY MONITORING SYSTEM USING ARDUINO:** Created a sophisticated Arduino-based Smart Water Quality Monitoring System, continuously measuring and analyzing pH, dissolved oxygen, turbidity, and temperature. Programmed real-time data transmission to user interface for easy parameter visualization.

**ARDUINO BASED THIRD EYE FOR BLIND PEOPLE:** Developed 'Third Eye': Arduino-based assistive device for visually impaired with real-time object detection. Led multidisciplinary collaboration, user testing; demonstrated hardware-software expertise for impactful innovation.

## LANGUAGES

- Telugu
- Hindi
- English

## CO-CURRICULAR ACTIVITIES

- Member at PHOTOGRAPHY Club (VIT-AP)

## ACHIEVEMENTS

- One In the Top 10 Among All Engineering Clinics Projects of The College      Issued Date: Dec 2022