# R I N O S H  K

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## Education

- ***Vellore Institute of Technology***, Vellore                                   ***2020 -2024***
  **B. Tech** in Computer Science and Engineering
  With specialization in **Information Security**

- **M.E.S Raja Residential School**, chathamangalam                           ***CBSE – 2020***
  PCM with Computer Science

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## Experience

### Tech By Heart | Ernakulam, Kerala                                        JUN 22 - AUG 22
React Front End Developer (Intern)

- Collaborated on cross-functional team to design and develop React.js interfaces, prioritizing seamless user experiences and modern design principles with CSS.

- **WORK REFERENCE**
  https://rkkm1.github.io/rinoshproductionshttps.github.io/
  https://rkkm1.github.io/rinoshportfolio/

### AlignMinds Technologies| Ernakulam, Kerala                              JUN 1 - JUN 30
Android Developer (Intern)

- Streamlined Android app development processes in an Agile environment, leveraging Java and Kotlin to optimize code structure and enhance stability, resulting in a 40% reduction in app crashes and an increase in user ratings by 1.5 stars.

- Worked closely with design and QA teams, implemented RESTful APIs, and integrated third-party libraries to improve app functionality and user satisfaction, contributing to user-centric design choices and innovative app features

### Artificial Intelligence Analyst                                         JUN 1 - JUN 30
IBM Technology corporation (Certification)

- Investigated AI's definition, versatile applications, and key concepts like machine learning, deep learning, and neural networks. Created chatbots and virtual assistants without programming skills, resulting in improved customer interactions and heightened customer satisfaction ratings.

# Projects

**VIRUS INTRUSION AND DETECTION SYSTEM USING ANTIVIRUS:**

- The program employs two file detection methods: Simple signature detection and Variation in size difference, with regularly updated hash signatures for accuracy.
- It offers a range of user functionalities, including scanning, quarantining, and full system scans, to enhance device security and user control.
- Users can rely on the program to safeguard their devices while benefiting from effective file detection techniques and a suite of security features.

**SENTIMENT ANALYSIS ON AMAZON REVIEWS:**

- Conducted Sentiment Analysis on Amazon product reviews by collecting and cleaning data, leveraging Natural Language Processing techniques to classify reviews as positive or negative.
- Developed a web scraper to gather the review dataset and built an interactive frontend using JavaScript and React to facilitate user access and engagement with the analyzed sentiment data.

**PREDICTING DIABETES IN PATIENTS AND SUGGESTING REMEDIAL MEASURES:**

- In this project, a multilayer feed-forward neural network was developed and trained using the back-propagation algorithm to classify patients as either tested positive (binary 1) or tested negative (binary 0) for a particular condition.

## Other Projects

*E-COURIER SERVICE:*
*Skills*, PHP, HTML, CSS, JavaScript

*SECURED FORM AUTHENTICATION:*
*Skills*, HTML, CSS, JavaScript

*PATIENT HEALTH MONITORING:*
*Skills*, Arduino, IOT

*Smart Keylogger:*
*Skills*, CPP, Win32 API

# Clubs and Chapters

## Malayalam Literary Association                    *Position: Mentor*

Hosted: UNARV 2.0 (cultural events)

# Technical Skills

- Front-End Development: React.js, HTML5, CSS3

- Mobile App Development: Android Studio, Java, Kotlin

- User Interface Design: UI/UX principles, Responsive Design

- Version Control: Git

- Collaborative Development: Agile methodologies, Code Reviews

- Problem Solving: Debugging, Bug Fixing, Troubleshooting