

SHAIK RAHIM

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Vijayawada, Andhra Pradesh - 520007, India



SUMMARY

Motivated Computer Science student seeking a challenging position in software development to apply and further develop skills in coding, Android app development, and web development. Eager to contribute to innovative projects and tackle practical problems, leveraging strong analytical and problem-solving abilities to drive impactful solutions.

EDUCATION

- Lakireddy Bali Reddy College of Engineering**
Bachelor Of Technology, Computer Science
◦ CGPA: 8.32
Nov 2021 - Apr 2025
Mylavaram, India
- Narayana Junior College**
Higher Secondary Education
◦ Percentage: 94%
Aug 2019 - May 2021
Vijayawada, India
- Swarna Bharathi Smart School**
Secondary Education
◦ GPA: 10/10
Apr 2019
Vijayawada, India

PROJECTS

- Enhanced Feature Selection Technique for Network Intrusion Detection Systems Using Machine Learning**
Tools: [Pyshark, tshark, selenium, webdriver-manager, gradio]
Present
 - Working on combining signature-based and anomaly-based detection methodologies to improve threat identification.
 - Using Apache Spark for real-time processing of large-scale network traffic data to support fast detection.
 - Exploring machine learning algorithms like neural networks and ensemble methods to identify complex attack patterns.
- BookHub (Android app) : Developed a bookstore app for reading and managing favourites.**
Tools: [Android Studio and XML, Kotlin, SQLite]
Nov 2023
[CODE]
 - Developed an app that offers a variety of books for reading, with the ability to add or remove them from the favorites section.
 - Utilized XML, Kotlin, and SQLite to manage and process a collection of book data, which was fetched from a server.
 - Designed a navigation bar to facilitate easy navigation through all the sections of the app.
- Crew (E-service Website) : Developed a platform with booking features for various services.**
Tools: [Visual Studio Code and HTML, CSS, JavaScript]
Apr 2023 - Jun 2023
[LIVE DEMO] [CODE]
 - Developed a front-end platform designed to provide a wide range of services to clients, including features for managing and booking these services.
 - Implemented HTML, CSS, and JavaScript for booking services, which led to positive feedback and strong results from our experts.
 - Created a booking service option, ensuring that the services are offered within a reasonable price range.

SKILLS

- Programming Languages:** C, Java, Python, Kotlin
- Machine Learning:** Linear Regression, Logistic Regression, Decision Trees, Random Forests, K-Nearest Neighbors, Support Vector Machines, Clustering (K-Means, DBSCAN), Principal Component Analysis (PCA).
- Deep Learning:** Neural Networks, Convolutional Neural Networks (CNNs), Recurrent Neural Networks (RNNs), Long Short-Term Memory (LSTM), Transformers, Transfer Learning, Autoencoders.
- Frameworks and Tools:** TensorFlow, PyTorch, Keras, Scikit-learn, NumPy, Pandas, Matplotlib, Seaborn.
- Web Technologies:** HTML, CSS, JavaScript, ReactJS, MySQL, Java (JDBC), PHP
- Database Systems:** MySQL
- Android app development - Kotlin

INTERNSHIP

- Intern

May 2024 - Jun 2024

National Institute of Technology, Warangal

- Completed a 6-week summer internship at the NIT Warangal Unit Centre of Excellence for Digital Manufacturing and Automation in collaboration with Siemens.
- Gained foundational knowledge in PLC, TIA Portal, MAPS Station, and operated KUKA robot and CNC machines.
- Implemented the 'VisionHat Intelligent Obstacle Detection for the Blind' project, enhancing mobility and safety for visually impaired individuals through wearable sensors technology.

CERTIFICATIONS

- NPTEL: The Joy of Computing using Python

Jul 2022 - Oct 2022

- NPTEL: Programming in Modern C++

Jan 2023 - Apr 2023

- INTERNSHALA: **Android App Development**

Feb 2023 - Nov 2023

HONORS AND AWARDS

- Competition Achievement

Oct 2023

Club Logo Creation, Lakireddy Bali Reddy College of Engineering

- I got first prize in logo creation for our Association Club, a student community in our institution.
- I showcased my editing skills by creating a logo for this competition.

LEADERSHIP EXPERIENCE

- ICM Club President

Oct 2023 - present

Lakireddy Bali Reddy College of Engineering

- Manage all the events and activities in the club.
- Conducted several events every weekend in our college through our club.

VOLUNTEER EXPERIENCE

- ICCINS 2023 Conference

Dece 2023

Lakireddy Bali Reddy College of Engineering

- I volunteered in the hospitality committee.
- Received guests and guided them to attend the conference.