SHAIK RAHIM

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EDUCATION

- **Lakireddy Bali Reddy College of Engineering**   *Nov 2021 - Apr 2025*
  Bachelor Of Technology, Computer Science (AI&ML)   Mylavaram, India
  CGPA: 8.32

PROJECTS

- **Enhanced Feature Selection Technique for Network Intrusion Detection Systems Using ML**
  Tools: [Pyshark, tshark, selenium, webdriver-manager, gradio]
  Ongoing
  - Improving detection accuracy by **25%**, using TSpark for faster real-time data processing (**30%** speed increase), and exploring ML algorithms for better threat detection.

- **Interactive Canvas with Text Editing and Swiper Functionality**   *[CODE]*
  Tools: [Visual Studio Code and HTML, CSS, JavaScript]
  Dec 2024 - Jan 2025
  - Developed a multi-canvas project with text editing and swiper functionality using HTML, CSS, and JavaScript.

- **VisionHat Intelligent Obstacle Detection for the Blind**
  Tools: [Arduino Uno, Ultrasonic Sensor, Buzzer, Breadboard, Jumper Wires, Battery]
  May 2024 - June 2024
  - Built an Arduino-based system with **95%** detection accuracy and vibration feedback for better navigation.

- **BookHub - Android Application**   *[CODE]*
  Tools: [Android Studio and XML, Kotlin, SQLite]
  Nov 2023
  - Developed an app with dynamic book management and favorite features, using Kotlin, XML, and SQLite.

- **Crew - E-service Webiste**   *[CODE] [WEBSITE]*
  Tools: [Visual Studio Code and HTML, CSS, JavaScript]
  Apr 2023 - Jun 2023
  - Created a front-end platform with booking services, improving user experience with HTML, CSS, and JavaScript.

SKILLS

- **Programming Languages:** C, Java, Python
- **Machine Learning & Deep Learning:**
  - Frameworks & Tools: TensorFlow, PyTorch, Keras, Scikit-learn, NumPy, Pandas, Matplotlib, Seaborn
- **Web Technologies:** HTML, CSS, JavaScript, ReactJS, MySQL, Java(JDBC), Servlets, Spring, Spring Boot, Hibernate, PHP
- **Android app development:** Kotlin, XML, Volley, SQLite, Room Persistence Library
- **Data Structures and Algorithms, Aug SDLC, Operating Systems, Computer Networks, IoT**

INTERNSHIP

- **Summer Intern**   *May 2024 - Jun 2024*
  National Institute of Technology, Warangal
  - Gained experience in PLC, TIA Portal, MAPS Station, and KUKA robots; developed 'VisionHat Obstacle Detection' for improved mobility and safety.

CERTIFICATIONS

- **Salesforce:** Salesforce AI Associate   *Nov 2024*
- **Cisco:** Cybersecurity Essentials   *July 2023*
- **Internshala:** Android App Development   *Feb 2023 - Nov 2023*