

Syed Aktharunnisa

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EDUCATION

B. Tech: Tirumala Engineering College Electronics And Communication Engineering: CGPA: 8.0	Narasaraopet, India January 2021-May 2024
Intermediate: Vasavi Junior College MPC: CGPA: 8.6	Narasaraopet, India August 2018-March 2020
SSC: St. John's E.M High School CGPA: 9.3	Karempudi, India March 2018

SKILLS

- **Languages** : JAVA, Python, SQL
 - **Frontend** : HTML, CSS, JavaScript
 - **Frameworks** : Hibernate, Springboot, React.Js
 - **Tools** : MS-Word, MS-Excel, PowerPoint
 - **Platforms** : Eclipse, Visual Studio Code
 - **Soft Skills** : Excellent Communication, Time Management, Leadership
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INTERNSHIP EXPERIENCE

Tap Academy| Bangalore **May2024-December 2024**
Full Stack Web Development- Hands-on Technical Training Program

As a **Full Stack Web Development Intern**, I actively contributed to the design, development, and deployment of dynamic web applications, leveraging a diverse technology stack. Throughout the internship, I honed my skills in both front-end and back-end development, ensuring seamless user experiences and optimized system performance.

- Developed and maintained **10+ responsive web interfaces** using **HTML, CSS, and JavaScript**, improving user engagement by **30%** and ensuring cross-device compatibility.
 - Optimized backend performance by **25%** through efficient **Spring Boot & Hibernate** implementations, reducing database query execution time.
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PROJECTS

Defect Detection in Industrial Application Products using Federated Learning Algorithms
Technologies Used: Python, CNN, Federated Learning

- Achieved 92% Accuracy rate for Academic Performance by developing and deploying a Federated learning Model
- Managed data Integrity and enhances quality control by 50% and identifying defective items without centralized data collection.
- Conducted Experiments and classifications with Federated learning Algorithms like Fedavg.

Personal Portfolio Website

Technologies Used: HTML, CSS, JavaScript

View Portfolio: <https://syedaktharunnisaproject61204.github.io/Syed-Aktharunnisa-Portfolio/>

- Developed a dynamic web application enabling users to create and customize professional portfolio with real-time previews.
- Executed with drag and drop features using JavaScript, enhancing user experience and reducing portfolio creation time by 40%.
- Built with **HTML, CSS, JAVASCRIPT** ensuring fast load times and scalability.

Anti sleep Alarm for Drivers

Technologies & Components Used: Python, OpenCV, Raspberry Pi, Camera Module, Buzzer

- Demonstrated a sleep alarm to prevent road safety by reducing accidents caused by driver fatigue.
- Designed and executed an intelligent alert mechanism that activated sound or vibration notifications upon identifying sleepiness in drivers, improving response times by 30% during simulated driving tests.
- Uses real-time monitoring of the driver's face and eyes to detect drowsiness.
- Successfully mitigated while optimizing model efficiency by 23% and accuracy by 6%

CERTIFICATES

Full Stack Web Development| Tap Academy **May 2024-December2024**

View Certificate: <https://drive.google.com/file/d/19RLwuF03JRDVylbpuirbY4-TvNFjJfwj/view?usp=sharing>

- Mastered fundamental and Professional utilizing in both front-end and back-end technologies.
- Acquired expertise in modern frameworks and development techniques for full-stack web development.

RashtraBasha Examination Certificate **Year-2015,2016,2017**

ViewCertificate: https://drive.google.com/file/d/1-MGA4FW-_fexjIOM7jSQJJXO2Ww34Ak/view?usp=sharing

- Completed three levels in RashtraBasha Examination and scored first in all three levels

PCB Design Workshop Certificate **November 2021**

View Certificate: <https://drive.google.com/file/d/1pliMD20fRPB3okRGfJrksM4qTqnxsIOE/view?usp=sharing>

INTERESTS & HOBBIES

- Learning National Languages
- Drawing and Painting