# Mohamed Khalidh

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## SUMMARY

Frontend Developer and Electronics Engineering student with strong skills in HTML, CSS, JavaScript, React, Python, embedded systems, and IoT. Experienced in building responsive, interactive web applications and AI-driven hardware projects. Proven ability to lead hackathons and technical events. Quick learner with excellent problem-solving, collaboration, and project management skills. Passionate about creating innovative, real-world solutions.

## EDUCATION

- **Aalim Muhammed Salegh College of Engineering**, Chennai — *Expected 2026*
  B.E. in Electronics and Communication Engineering — CGPA: 8.5

- **Terapanth Jain Vidhyalaya Mat. Hr. Sec. School**, Chennai — *Completed 2022*
  HSC (Class 12)

- **Terapanth Jain Vidhyalaya Mat. Hr. Sec. School**, Chennai — *Completed 2020*
  SSLC (Class 10)

## EXPERIENCE

- **Part-Time Site Manager** — Express Logistics, Chennai — *May 2023 – Jan 2025*
  - Supervised daily shipment logistics, ensuring 98% on-time delivery rate.
  - Resolved operational issues, reducing delays by 30%.
  - Managed coordination across 10+ staff members during peak hours.

- **Intern + Student Ambassador – Advanced Python** — KnowledgeXchange — *May 2022 – June 2022*
  - Completed training on OOP, APIs, and scripting with Python.
  - Led peer promotions, enrolling 50+ students into the program.

- **Hackathon Coordinator** — Techevo Hackathon, AMS College of Engineering — *Jan 2024*
  - Organized 100+ participants for inter-college hackathon.
  - Coordinated logistics, registration, and technical execution.

## PROJECTS

- **Tic-Tac-Toe Web Game** — *HTML, CSS, JavaScript* — *2023*
  - Developed an interactive, responsive Tic-Tac-Toe game with Player vs Player and Player vs AI modes.
  - Implemented real-time score tracking and victory animations.

- **User Registration Web App** — *HTML, CSS, JavaScript, REST API* — *2024*
  - Built a secure user registration system with client-side validation and JSON API integration.
  - Improved user experience with smooth form interactions and error handling.

- **Smart Attendance System** — *Python, OpenCV, face-recognition*     *2025*
  - Automated student attendance using real-time face recognition.
  - Reduced proxy attendance with 90%+ accuracy.

- **AI Chat Bot** — *Python, Flask, NLP*     *2023*
  - Built a Flask-based chatbot to handle 100+ dynamic FAQs.
  - Integrated NLP for context-aware responses.

- **Rash Driving Alert** — *Arduino, Embedded C*     *2025*
  - Designed a prototype to detect jerky vehicle movements and alert drivers.
  - Optimized sensor coding for better detection sensitivity.

- **DTMF-Based Control Device** — *Arduino, Electronics, Communication*     *2024*
  - Developed device control via mobile DTMF signals without internet dependency.
  - Enabled seamless wireless automation for multiple appliances.

## Technical Skills

- **Frontend:** HTML, CSS, JavaScript, React, Tailwind CSS, Responsive Web Design
- **Backend:** Node.js (basic), Flask
- **Programming Languages:** Python, C, Embedded C, Java
- **Tools:** Git, GitHub, VS Code, PyCharm, Google Cloud Platform
- **Libraries:** pandas, NumPy, Matplotlib, OpenCV, face-recognition, requests

## Licenses & Certifications

- Networking Foundation Certificate – LinkedIn
- Eddy Covariance Technique for Ecosystem Studies – ISRO
- Remote Sensing and Digital Image Analysis – ISRO

## Achievements & Leadership

- Conducted IoT workshops and hackathons at AMS College of Engineering
- 3rd Place – Hackathon by Naan Mudhalvan & TANSAM (Raspberry Pi Project)
- 1st Place – Project Expo at TJS, GRT, and Daanish Ahmad Engineering Colleges