

Dhanush Chevuri

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EDUCATION

Kalasalingam Academy of Research and Education | Madurai, TN 2022 - 2026

B.Tech in Computer Science | GPA: 8.2 / 10.0

Specializing in Artificial Intelligence and Machine Learning

TECHNICAL SKILLS

Programming Languages: Python, Java, C, C++(Beginner) | **Web Development:** HTML, CSS, JavaScript, React.js | **Database:** My Sql | **Competitive Programming:** Problem-solving in coding challenges | **Data Structures & Algorithms** | **Machine Learning** | **Deep Learning** | **Internet of Things(IoT):** Arduino IDE, Matlab(Simulink) | **Data Visualization Tools:** power BI

PROJECTS

Student Attendance Management System

- This Website includes Student, Teacher and Admin portals. Teachers can update Attendance and view Students in their Portal and students can view their Attendance in their Portal. Admin can Assign students for teacher.

- **Technologies Used:** Node.js, My SQL, HTML, CSS

TabInfo

- A Chrome extension designed to **consolidate, summarize, and save multiple tab sessions** efficiently. Enhances productivity by providing quick summaries of tab content and allowing users to manage their browsing sessions seamlessly.

ManHole Intrusion Detection in Farming Fields

- Developed an IoT-based system to monitor and detect unauthorized or unexpected intrusions in manholes located in farming fields. The system utilizes a PIR (Passive Infrared) motion sensor to sense movement near the manhole and sends alerts to the user via the GSM 900 module, ensuring timely action to prevent accidents, theft, or tampering.

- **Components Used:** Arduino Uno, gsm900a module, Pir motion sensor, Ultrasonic Sensor, Buzzer

PROFESSIONAL EXPERIENCE

RINL(Steel Plant) | Research Intern | Visakhapatnam May 2024 - June 2024

- Developed a machine learning solution to predict the skin temperature of blast furnaces using a dataset provided by the plant. The project focused on ensuring operational efficiency and safety in steel production. Leveraged an **ensemble model and Random Forest algorithm** for accurate temperature prediction and deployed the solution using Flask for seamless integration with existing systems.

- **Technologies Used:** Python, Flask

EXTRACURRICULAR EXPERIENCE

Microsoft Learn Student Chapter | Git/Github Lead May 2024 - Present Kalasalingam Academy of Research and Education (KARE)

- Organized and led various technical events, including **hackathons**, **intercollege competitions**, **webinars**, and **workshops**.
 - For more details, visit the LinkedIn profile: [Microsoft Learn Student Chapter KARE](#)