

YANAMALA SUDHEER BABU

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CAREER OBJECTIVE:

Aspiring Software Engineer with an ECE background and a strong passion for coding and software development. Skilled in Java and actively improving my technical abilities through academic and personal projects, I am looking for an opportunity to apply my problem-solving skills and contribute to meaningful software solutions in a dynamic work environment.

EDUCATION:

B. Tech – Electronics & Communication Engineering Kalasalingam Academy of Research & Education, Tamil Nadu	2025 CGPA: 7.19/10.0
Intermediate – MPC Sri Chaitanya Junior College, Board of Intermediate Education, Andhra Pradesh	2021 Percentage:71%
SSC Holy Rosary EM School, Board of Secondary Education, Andhra Pradesh	2019 CGPA: 8.2/10.0

PROJECTS:

Smart Low-Light Image Enhancement for Emotion Detection| Python

- Created a low-light emotion detection system using OpenCV and deep-learning models. Improved facial feature visibility through image enhancement techniques, increasing emotion recognition accuracy under challenging lighting conditions.

Tools & Technologies: Visual Studio & OpenCV, TensorFlow.

Virtual Pet Simulator using Java Swing & AWT| Java

- Developed an interactive Virtual Pet Simulator using Java Swing and AWT, featuring user authentication, pet management, and real-time mood and stat updates. Implemented OOP concepts, including inheritance, encapsulation, abstraction, and polymorphism, along with data persistence using serialization.

Tools & Technologies: Java, Swing, AWT, Serialization, Graphics2D, Audio API

INTERNSHIP:

Main Flow Services and Technologies.

July 2024 – Sept 2024

Gained hands-on experience with basic Java programming concepts, such as variables, loops, arrays, strings, and object-oriented concepts, while practicing and debugging basic to intermediate programs, such as pattern printing, string manipulation, and collections usage. I also worked on small tasks involving classes, objects, constructors, methods, and exception handling to reinforce general programming concepts.

TECHNICAL SKILLS:

- Programming languages:** Java, Python.
- Web Technologies:** HTML & CSS
- Databases:** MySQL, Oracle
- Tools / IDEs:** Git, Visual Studio, IntelliJ IDEA, Eclipse.
- Hardware Tools:** Arduino, TinkerCad
- Operating Systems:** Windows, macOS

STRENGTHS :

- Consistency & Discipline
- Hardworking Individual