

# BUSAM JAHNAVI JYOTSNA

Hosur, India | P: +91 7418793621 | busam2004@gmail.com | GitHub: <https://github.com/busam027>  
Linkedin Id: <https://www.linkedin.com/in/jahnavijyotsna>

## EDUCATION

<b>Vellore Institute of Technology</b> B.Tech in Computer Science and Engineering with Spec in Health Informatics - 8.55 CGPA	Bhopal, MP Oct 2022 - May 2026
<b>Nalanda International Public School</b> Class XII - 88%	Hosur, TN Jul 2020 - Mar 2022
<b>Sri Chaitanya Techno School</b> Class X - 88%	Hosur, TN Jul 2019 - Mar 2020

## TECHNICAL SKILLS

**Programming :** Java, Python, JavaScript, SQL  
**Web Development :** HTML/CSS, React, Node.js, Express.js  
**Frameworks & Libraries :** Keras, Tensorflow, Pandas, Numpy, YOLO

## CERTIFICATES

**MERN Stack** - April 2025  
**IBM Cyber security** - April 2025  
**Python Essentials**

## EXPERIENCE

<b>Investing Channel</b> Java Developer	Remote, IND August 2025 - Present
<ul style="list-style-type: none"><li>Developed a Java-based web scraping tool (using JSoup/Selenium) to automatically extract stock tickers from portfolio and watchlist pages, with validation to handle empty or missing data.</li><li>Implemented robust exception handling and page validation to ensure smooth execution on non-portfolio pages or when no tickers were defined.</li><li>Integrated backend communication by sending extracted ticker codes via HTTP requests to a REST API for further analysis and processing.</li></ul>	

## UNIVERSITY PROJECTS

<b>Machine Learning Model to Predict Water Quality Levels   ML</b>	Mar 2024 - Sep 2024
<ul style="list-style-type: none"><li>Developed a machine learning model to predict water quality levels, supporting environmental monitoring and decision-making.</li><li>Implemented an efficient data pipeline using Python and Pandas for preprocessing and feature engineering.</li><li>Built a scalable ML pipeline with automated data ingestion, model training, and prediction.</li><li>Trained and evaluated multiple models as part of a university project exhibition.</li></ul>	
<b>Facial Emotion Detection and Recognition   MERN Stack</b>	Dec 2024 - May 2025
<ul style="list-style-type: none"><li>Developed a deep learning system to monitor student focus and detect suspicious behavior.</li><li>Added features like screenshots, teacher alerts, and auto-logout for off-screen activity.</li><li>Strengthened skills in deep learning, model training, and full-stack development.</li><li>Delivered a secure, scalable solution for online exam integrity.</li></ul>	

## ADDITIONAL

**Languages:** Fluent in English, Telugu, Tamil  
**Achievements:** HackerRank – Gold 5-Star in Problem Solving, Cisco – Network Defense Badge.  
**Hobbies:** Reading Books, Playing Games.