

# SUBASHINI R

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LinkedIn | LeetCode | GitHub

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## Education

- **Master of Computer Applications**  
Kongu Engineering College (2023-2025) | CGPA: **8.76**
  - **Bachelor of Science (Information Systems)**  
Kongu Engineering College (2020-2023) | CGPA: **8.73**
  - **HSC**  
Shri Ganga Higher Secondary School (2020) | Percentage: **87%**
  - **SSLC**  
Shri Ganga Matriculation School (2018) | Percentage: **87.4%**
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## Technical Skills

- **Languages:** Java, Python, SQL
- **Frameworks/Libraries:** React JS

## Areas of Interest

- Data Structures
  - Database Management Systems
  - Machine Learning
  - Computer Networks
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## Projects

- **Blog with Admin Dashboard:** Developed a MERN stack web application focused on food recipes, allowing the admin to manage posts while users can log in to read, comment, and engage with the content.
  - **Guest Room Reservation:** Built a MERN stack app for booking guest rooms. Users can log in to reserve rooms and list their own rooms for rent, with a seamless user interface.
  - **Expense Tracker:** Created a user-friendly ReactJS application that enables users to efficiently track their expenses and manage their budgets.
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## Research work / Publications

- **Thyroid Disease Prediction using Random Forest Algorithm:** Applied PCA to enhance model performance on a numerical dataset, published at an IEEE conference.
  - **Weather Image Classification using Vision Transformer Algorithm:** Developed a classification model for an image dataset with eight labels, published at an IEEE conference.
  - **Encryption Technique for Secure Image Transmission:** Implemented Arnold and Henon Map encryption techniques for enhanced image security, published at an IEEE conference.
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## Academic Highlights

- Best Co-Curricular Student Award (2022).
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- 1st Prize for paper presentation on "Vision Transformer" at Kongu Engineering College.
- Participated in technical events, including debugging competitions, quizzes, and paper presentations at various engineering colleges.