

# Snaethath P

📍 India    ✉️ snaethath972002@gmail.com    ☎️ +91-9514321007    🌐 Snaethath

## About

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Aspiring Full Stack and Generative AI Engineer with strong communication, teamwork, and adaptability. Eager to apply skills for organizational growth and deepen expertise in emerging technologies to drive meaningful impact.

## Education

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**Sri Venkateswara College of Engineering** 2020 – 2024

*B.Tech in Artificial Intelligence & Data Science*

- GPA: 8.632/10.0

**JGVV.MAT.HR.SEC.SCHOOL** 2007 – 2019

*Higher Secondary Education*

- HSC: 91.5%
- SSC: 72%

## Experience

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**Deep Learning Engineer**

*Chennai, India*

*CMRL (Chennai Metro Rail Ltd.)*

*Mar 2024 – May 2024*

- Developed a YOLO-based vehicle classification and HSV color detection system with OCR for license plate text extraction.
- Integrated the system into a Flask API for automated entry via METROS POS machine.

**Machine Learning Intern**

*July 2022 – Sept 2022*

*Skill Hacc*

- Executed a project on handwritten digit recognition utilizing the K-Nearest Neighbors (KNN) algorithm
- Acquired practical proficiency in data preprocessing and intricate model training procedures

## Projects

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**ReadHub - Digital Reading Companion**

[Readhub](#) 

- Built a digital reading assistant with daily news, book library, and AI summarizer.
- Integrated a chatbot to summarize news and suggest books.
- Tech Stack: Next.js, Shadcn/UI, Node.js, Express.js, MongoDB, Gemini API.

**Movie Recommendation System**

[Movie Recommendation](#) 

- Developed a recommendation system for movies using machine learning algorithms

**E-commerce Application (E-shop)**

[github.com/Snaethath](#) 

- Built a full-stack e-commerce application with user authentication and payment integration
- Tools Used: React, Node.js, Express.js, MongoDB

**Card game - HTG**

[Card game](#) 

- Implemented a Card game using JavaScript.

## Technologies

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**Languages:** C, Python, JavaScript, TypeScript, HTML, CSS

**Frameworks & Libraries:** React, Express.js, Next.js, TensorFlow, Mongoose, Socket.IO, ShadCn

**Tools:** Docker, OpenCV, Git, Postman, Figma

**Databases:** MySQL, MongoDB, Redis

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**Certificates:** Scientific Computing with Python, Web Developer Bootcamp, React - The Complete Guide