





About Me

Dedicated and enthusiastic student with a strong foundation in technical skills and a talent for building collaborative relationships. Seeking opportunities to apply my knowledge in machine learning, software development, data networking, and emerging technologies while expanding my professional network.

Contact

-  : +91 9380474206
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-  : Yash Gavas
-  : Yash-Gavas

Programming Languages

- Java & Advanced Java
- Python
- C
- HTML / CSS / Java Script
- R
- Unix
- Dart

Other Skills

- Communication
- Presentation
- Team building
- Public speaking
- Proficiency in GitHub / Discord
- Proficiency in using Ai Tools
- Proficiency in Full Stack Development [MERN]
- Proficiency in Data Structures and Algorithms
- Proficiency in Operating Systems
- Proficiency in Computer Architecture
- Proficiency in Data Networking
- Proficiency in DBMS
- Proficiency in AIML
- Proficiency in Docker containers
- Intermediate in Flutter
- Intermediate in Finite Automata
- Intermediate in MATLAB
- Intermediate in Data Analytics

Hobbies

- Exploring advancements in future technology and gadgets.
- Passion for automobiles (cars, bikes, aircrafts).
- Enthusiast in cutting-edge computer science topics.
- Travel Enthusiast.
- Cricket and Football
- Competitive Gaming

Extra curricular achievements

- Professional Athlete and competitive Gamer.

Yash Suresh Gavas

DOB – 25 JUN 2004

Work Experience / Internships

SDE Intern Oct '24 to Present (6 months)

- Samsung Research & Development Institute Bangalore.

App Development Intern Program Oct '23 to Nov '23

- M S Ramaiah Institute of Technology

Debug Derby May '24

- Flagship Event by IEEE RIT

Python Showdown

- MSRIT Rank – 1
Flagship event by CSE RIT for CP.

Academics / Projects

PNL for Named Data Networking (DSA)

- Paradigm-shifting approach to address the intricate challenge of name based route lookup in Named Data Networking.

Fast Cache IQ (Operating System)

- This simulator is designed to evaluate and demonstrate the performance of different caching algorithms, enabling faster access to RAM memory.

BGP Route Poisoning Simulation

- Simulating BGP route poisoning in a Java-based network model within a virtualized Kali Linux environment reveals vulnerabilities and impacts on network routing

Analysis of Transformer-Based and CNN-RNN Models for Image Captioning (AIML)

- Built Transformer-based (ViT-BERT, ViT-GPT, DETR) and CNN-RNN (ResNet-LSTM, VGG-16-GRU) models and compared them with existing benchmarks on MS COCO, Flickr30K, and Conceptual Captions datasets. Evaluated accuracy, contextual relevance, and efficiency using BLEU, METEOR, CIDEr, SPICE, and ROUGE metrics..

Travel Buddy – Web-Based Travel Management Platform (DBMS)

- Developed an interactive travel discovery and management platform using Mapbox, MongoDB Atlas, and Cloudinary for location services, data storage, and image management. Implemented user registration, destination listing, reviews, and rating system with efficient search and filtering mechanisms. Built on MVC architecture, ensuring scalability and maintainability, providing a seamless user experience for travel exploration and engagement.

Education

M S Ramaiah Institute of Technology

- Currently, a third-year Computer Science and Engineering Student
- Grade – 8.56 CGPA as per 4th sem (completed 5th sem)

Govindaram Seksaria Science College

- PUC (12th)

Karnataka Law Society’s English Medium School

- SSLC (10th)
- Grade – 94.08%