# Rohit Tambe

Targeting **Software Development Engineering** roles with an organization of high repute with a scope of improving knowledge and further career growth.

## Contact

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## Academic Details

- **Bachelor of Engineering (B.E.) Information Science Engineering**
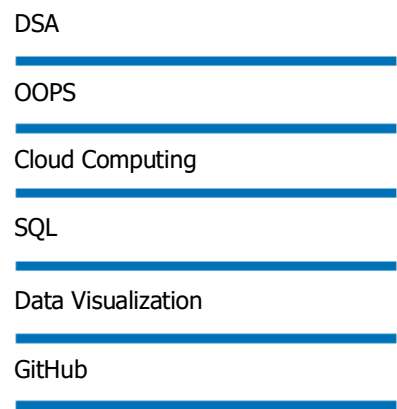  BMSIT, Bengaluru;
  CGPA: 9.3

## Soft Skills

Analytical | Quick Learner | Adaptable

## Technical Skills

- **Programming Languages:**
  Java, HTML, CSS, JavaScript, Python

- **Frameworks:**
  Bootstrap, Spring, Spring Boot.

## Core Competencies

DSA

OOPS

Cloud Computing

SQL

Data Visualization

GitHub

## Personal Details

**Date of Birth**: 25th March 2004
**Languages Known:** English, Hindi and Kannada
**Address:** Bengaluru, Karnataka

## Profile Summary

- A full stack developer with high **problem-solving skills** and develops **complex projects**.
- Efficient in **AI technologies** and skilled in integrating **API keys** to enhance functionality, enabling seamless communication between services in projects.
- **Developed a highly scalable School Website** which is used regularly in in one of the government school in the area.
- Possesses **in-depth knowledge of multiple technology stacks** which in turn contributes to an efficient development stage of products.

## Academic Projects

| YouTube-Scrapper | June 2024 – Jan 2025 |
|---|---|
| **Tools: HTML, CSS, JavaScript, SpringBoot.** | |

**YT-Scrapper** is a web application designed to fetch and display metadata from YouTube videos based on user-provided URLs.

It leverages a robust **Spring Boot backend** to handle API requests, parse YouTube data, and serve structured results.

The frontend is built using **HTML** and styled with **Tailwind CSS**, providing a clean, responsive, and modern user interface.
- <-GitHub-link ->

| Smart Research Assistant | Jan 2025 – Feb 2025 |
|---|---|
| **Tools: Java, Spring Boot, Gemini API, JavaScript, HTML/CSS, RESTful APIs, JSON.** | |

**Full-Stack Development**: Built a Chrome extension with Spring Boot backend and Gemini API integration to summarize selected webpage text, using Java, RESTful APIs, and Chrome Manifest V3 for secure, non-blocking HTTP calls.

**Problem-Solving**: Debugged critical issues (e.g., HTTP 500 errors from parameter mismatches) and standardized API operations, ensuring seamless deserialization of Gemini responses for accurate AI summaries.

**User-Centric Impact**: Enhanced research efficiency by enabling one-click summarization and local note-saving, leveraging Chrome's scripting/storage APIs for a frictionless cross-origin user experience.
- <-GitHub-link ->

| Cloud-Native Monitoring System with Flask | June 2025 – June 2025 |
|---|---|
| **Tools: Python, Docker, EKS, ECR(AWS)** | |

Developed a real-time CPU/memory monitoring tool using Flask & psutil, deployed on AWS EKS.
Automated Docker image storage in AWS ECR and Kubernetes deployments using Python.

Gained hands-on experience in containerization, orchestration, and cloud-native DevOps.

Database Management: Created and managed SQL databases to store, retrieve, and manage data efficiently, ensuring high performance and security.
- <-GitHub-link ->

## Other Projects

- **[Math-AI-fy.](#)**

- **[Jarvis.](#)**

- **[School Website.](#)**

## Academic Achievements

- **BMSIT Tech Community [LSFS]**

  Led tech workshops, engaging over **200+ participants** and Offline Web Development classes to enhance **student engagement** and **skill development**.

- Finalist in Dev Sprints Hackathon for developing a Sustainable Development Goals website using HTML, CSS, and JavaScript.

## Certificates

- **"Introduction to Cloud" - Provided by IBM**

- **"Introduction to Artificial Intelligence" – Provided by Infosys**

- **"The Basics of Google Cloud Compute" - Provided by Google**

- **"Get Started with API Gateway" - Provided by Google**

- **Other Course Completion Certificates of Java and Python**