

## SWASTIK BHAT M S

Bengaluru | +91 6361530260 | [www.swastikbhatms21@gmail.com](http://www.swastikbhatms21@gmail.com) | [GitHub](#)

**Objective:** Driven MCA student with practical experience in DevOps pipelines, Android development, and IoT-based systems. Passionate about building scalable, user-focused solutions using technologies like Java, Firebase, Docker, and Python. Eager to contribute to innovative software projects and grow as a full-stack or DevOps engineer.

### INTERNSHIPS AND PROFESSIONAL TRAININGS

**Supraja Technologies** | <https://suprajatechnologies.com>

Bengaluru

**Cyber Security Internship**

Dec 2024 -Jan 2025

- Enumeration, gaining access and maintenance.
- Vulnerability assessment, Web Penetration Testing and SQL Injection.

**TNS India Foundation** | <https://tnsindiafoundation.org>

Bengaluru

**Java Full Stack Development and Soft Skills Training**

Aug 2024 - Dec 2024

- Hands-on experience with Spring Boot for building RESTful APIs.
- Worked with, MySQL, PostgreSQL and Postman.
- Improved communication skills, problem-solving and teamwork abilities.

#### Project 1

**Log Monitor Dev-Ops** | [Project Link](#) | Team Size: 1

May 2025 – Jun 2025

- Key Skills: Docker, Docker Compose, Jenkins, Python, Unix, Ubuntu, Bash, Git, Kubernetes, GitHub Actions, GitHub Container Registry, GHCR, CI/CD, Pipelines, Version Control.
- This project demonstrates a modern DevOps pipeline using Python, Docker, GitHub Actions, and Kubernetes.
- It simulates log generation and monitoring in real-time and automates the full CI/CD pipeline using GitHub Container Registry (GHCR) and Kubernetes deployments.

#### Project 2

**Flight Aviation. Data Analytics Project** | [Project Link](#) | Team Size: 2

Mar 2025 - May 2025

- Key Skills: Python, Data Analysis, Pandas, seaborn, Matplotlib, Jupyter Notebook.
- Aviation Data Analysis Project This project analyses aviation-related data to uncover insights and patterns using Python and data science techniques.
- Implemented in a Jupyter Notebook, the project includes data preprocessing, visualization, and model-building steps.

#### Project 3

**Weather Monitoring System. (IOT)** | [Project Link](#) | Team Size: 2

Mar 2025 - May 2025

- Key Skills: ESP32, C++, Arduino IDE, Internet of Things, Google Sheets, Google Apps Script, Blynk IOT, Cloud Data Collection.
- Weather Monitoring System This project is a Weather Monitoring System built using the ESP32 microcontroller.
- It collects real-time environmental data such as temperature, humidity, UV index, light intensity, and atmospheric pressure using various sensors and sends the data to Google Sheets and Blynk IoT for monitoring and analysis.

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#### Project 4

LB College Alumni Registration | [Project Link](#) | TeamSize:2

Nov 2023 - Feb 2024

- Key-Skills: Firebase, Flutter.
- Collect user details, verify information, and process payment.
- Store verified user information in the database after payment completion.

#### Project 5

Personal Health Care | [Project Link](#) | Team Size: 2

Jul 2023 - Sep 2023

Mentor: MAHESH HOSAMANE

- Key Skills: Firebase, Java, XML, Android Studio, UI/UX.
- Patients can schedule appointments with doctors quickly and easily through an online platform.
- Includes messaging, notifications, and call services for seamless doctor-patient interaction.
- Provides location-based assistance to help patients find and connect with doctors conveniently.

### EDUCATION

#### RNS INSTITUTE OF TECHNOLOGY

Bengaluru

Master of Computer Applications (MCA)

Feb 2024 - Dec 2025

##### Major subjects credited

CGPA: 9.0

- DSA, DBMS, Java, Operating Systems, Web Technologies

#### Lal Bahadur Shastri Arts and Commerce College

Sagara

Bachelor of Computer Application - BCA (Full Time)

Sep-2023

Subjects-Cloud Computing, Java, C++, DBMS.

Percentage: 82.90

#### Government Junior College

Sagara

12<sup>th</sup> | PUE Karnataka |

Mar-2020

Commerce- Computer Science, Business Studies, Accounts,

Percentage: 82.83

### TECHNICAL SKILLS

- Programming Languages: **Java, Python, Dart.**
- Packages & Operating Environment familiarity: **Windows, Linux, Android Studio, PyCharm, Ubuntu.**

### Achievements, Awards and Certificates

- **Diploma in Animation:** Completed Diploma in Cartoon Animation and Modelling.
- **OPERA-2024 Project Open House:** Won the First prize for the project presentation for Personal Health Care.
- **Cyber Security:** Ultimate Cyber Challenge: Won First prize in Cyber Security Hackathon.