

HAMSAPRIYAB A

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Summary

Self-motivated Work Study Student with a strong ability to apply both education and hands-on experience in real-world roles. A proactive problem solver with excellent listening skills, capable of efficiently managing tasks to ensure smooth operations and contribute to team success.

Skills

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|--|--|
| 1. Programming Languages: Java, Python, C, C++ | 5. Adaptability |
| 2. Problem-Solving | 6. Time Management Abilities |
| 3. Database Management | 7. JS Frameworks: React |
| 4. Full-stack Development | 8. Source and Version Control: Git, GitHub |

Experience

Java Programming Intern

MotionCut | Remote

04/2024 - 05/2024

- Developed various projects including a Java quiz app, an expense tracker web app, and a link shortener in Java.

Software Engineering Intern (Simulation)

J.P. Morgan Chase (Virtual Experience Program), Forage Platform | Remote

03/2024 - 03/2024

- Participated in J.P. Morgan Chase's virtual job simulation, gaining hands-on software engineering experience.
- Set up a dev environment using the Perspective library and built a live data visualization for traders.
- Improved coding skills in a realistic, professional setting and contributed to an open-source project.
- Developed a passion for creating technical tools for the financial industry, particularly trading systems.

Education

B.E. in Computer Science

Dayananda Sagar College of Engineering, Bengaluru | 08/2026 Expected | SGPA: 9.56

Pre-University: PCMC

Base PU College, Bengaluru | 04/2022 | 95.83%

10th: ICSE

St. Mary's Public School, Bengaluru | 06/2020 | 96%

Projects

- QuickPark – An online parking reservation system which streamlines parking with Python Flask and Node.js, offering users and managers real-time reservations, payments, and availability updates.
- CodeBridge - a Flask-based Learning Management System, fosters collaborative learning, facilitating seamless interaction between students and faculty.
- Developed a web application for visually impaired users, utilizing YOLO for object detection and Web Speech API for converting object descriptions into audible speech. Built using React and Flask for seamless front-end and back-end integration.
- BloodServe - a web application for managing blood donors, with a Java Spring Boot backend and React/Tailwind CSS frontend. Features include donor registration, CRUD operations, blood group filtering, and secure access for authorized users.

Hackathons & Competitions

- At **Hack4Hearts Hackathon**, I developed MediSimplify, a web app that transcribes doctors' spoken notes into simplified, patient-specific explanations. It features secure data storage and an educational page on cardiac health.
- At **SheCodes Hackathon**, I created FreshSaver, a web app that uses barcode scanning to manage food inventory, track expiration dates, and suggest recipes. It leverages React, Firebase, and Tailwind CSS for a seamless user experience.

Additional Information

- NSS Volunteer** – Actively participated in Volunteering to social activities like Blood Donation Camp at Dayananda Sagar College of Engineering.
- Languages** – English, Kannada, Hindi

Certifications

- Skill Assessment for Python (Basics) – HackerRank, issued on 22nd Dec 2023.
- Python and Flask Framework Complete Course for Beginners – Udemy, issued on 24th Jan 2024.