

HARSHAVARTHAN J

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PROFESSIONAL SUMMARY

Motivated B.Tech Information Technology student with a strong foundation in software development and problem-solving. Proficient in Java, Python, HTML, CSS, JavaScript, and C/C++. Hands-on experience through internships and real-time projects, including offline PDF analysis and mobile security applications. Quick learner with strong communication and time management skills, seeking an entry-level Software Developer role.

SKILLS

- Programming Languages:** Java, Python, C, C++, HTML, CSS, JavaScript
 - Tools & Technologies:** Flutter, PyMuPDF, VS Code, PyCharm, Android Studio, n8n Automation
 - Concepts:** Data Structures, Algorithms, Object-Oriented Programming, File Handling, Offline Processing, Debugging
 - Soft Skills:** Time Management, Leadership, Communication, Problem Solving
 - Additional Skills:** Software Development, Backend Development, Version Control (Git), SDLC
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INTERNSHIP EXPERIENCE

Software Development Intern – BHEL, Trichy

- Developed an offline PDF Analyzer using Python for bulk document processing.
- Extracted metadata, words, sentences, and paragraphs from PDFs using PyMuPDF.
- Exported structured output into CSV files for large-scale document analysis.
- Worked in a secure offline environment, ensuring reliability and performance.
- Performed debugging and issue resolution during development.

Data Structures Intern – Nitroware Technologies

- Implemented core Data Structures and Algorithms using Java.
- Worked with ArrayList, LinkedList, HashMap, and HashSet.
- Applied DSA concepts to real-time problem-solving scenarios.
- Improved code optimization and logical thinking skills.

PROJECTS

Crook Catcher Application: (Mini Project)

- Developed a mobile security application to enhance user privacy.
- Captures images after incorrect password attempts.
- Sends the captured image directly to the owner's registered email.

PDFs Analyzer:

- Built a Python-based application for bulk PDF analysis.
- Extracted metadata, words, sentences, and paragraphs using PyMuPDF.
- Exported parsed results into CSV format.

EDUCATION

B.Tech – Information Technology

SNS College of Technology, Coimbatore
2022 – 2026 | CGPA: 7.72 (up to 6th Semester)

HSC – Computer Science

RSK Higher Secondary School, Trichy
2021 – 2022 | Percentage: 69.98%

SSLC

SVM Higher Secondary School, Trichy
2019 – 2020 | Percentage: 79.60%

CERTIFICATIONS

Full Stack Development – PreInsta, Data Structures and Algorithms with Java – PreInsta, Core Java – PreInsta

LANGUAGES

English, Tamil, German(basic)