

# SUDHARSANSELVAN T

Java Developer & Data Analyst

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## Professional Summary

- A detail-oriented and proactive Computer Science graduate with strong expertise in Java, Python, Data Analysis, and AI/ML. Skilled in developing optimized backend systems, debugging complex code, and applying analytical insights for performance improvement. Recognized for integrity, teamwork, and quick adaptability in dynamic environments. Committed to continuous learning and delivering reliable, scalable solutions that align with organizational goals and technological innovation.

## Education

<b>B.Sc. in Computer Science</b>	<b>2022 – 2025</b>
St. Joseph's College, Trichy	CGPA: 7.9
<b>HSC - Swamy Vivekananda Vidhyalaya</b>	<b>2021 – 2022</b>
Trichy	71.8%
<b>SSLC - Swamy Vivekananda Vidhyalaya</b>	<b>2019 – 2020</b>
Trichy	70.2%

## Internship

<b>Technical Trainer- Intern at Viwise Tech Softwares</b>	<b>Aug – Oct 2025</b>
Thillai Nagar, Tiruchirappalli, Tamil Nadu	
<ul style="list-style-type: none"><li>Conducted hands-on training sessions on Java fundamentals and backend development for students and junior developers.</li><li>Improved learner performance by 20% through interactive modules, live coding demos, and real-time debugging walkthroughs.</li><li>Prepared comprehensive use-case documentation aligned with client and trainee expectations for enhanced clarity and retention.</li></ul>	

## Projects

<b>Python-based Website Blocking System</b>	<b>2024</b>
Python, MySQL, WAMP	
<ul style="list-style-type: none"><li>Created a host-based website blocking system with integrated MySQL logging.</li><li>Developed host-based blocker with 99% accuracy and 100+ daily requests.</li></ul>	
<b>Java Banking Management Module</b>	<b>2025</b>
Java, OOP, File I/O	
<ul style="list-style-type: none"><li>Designed and implemented a secure banking application with PIN authentication and transaction tracking.</li><li>Optimized data access using HashMap and ArrayList, resulting in a 30% performance boost</li></ul>	
<b>Scientific Calculator App</b>	<b>2025</b>
Java Swing, AWT, Applet	
<ul style="list-style-type: none"><li>Developed a secure console-based banking system in Java with core banking features and timestamped transaction tracking using Collections and Date-Time API.</li></ul>	

## Skills & Core Competencies

- |   |                                    |
|---|------------------------------------|
| • <b>Languages:</b> Java, Python, C, C++, AI ML   | • Communication                    |
| • <b>Web:</b> HTML, CSS, JavaScript   | • Teamwork                         |
| • <b>Tools:</b> Power BI, MS Excel, Git and Github, VS Code, Eclipse, NetBeans, MySQL-WorkBench | • Time Management                  |
| • <b>DataBase:</b> MySQL  | • Critical and Analytical Thinking |
| • <b>Concepts:</b> OOP's, File Handling, Debugging  | • Quick Learning                   |

## Certifications & Soft Skills

- Power BI Data Visualization – ViWise Tech (2024)
- Data Analysis with Python – St. Joseph's College (2023)
- Full Stack Development Workshop – Guvi (Online, 2023)