

# Varun Sadashive Gowda

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Detail-oriented, self-motivated professional with ~3 years of IT experience in customer-facing roles and internal development projects, demonstrating strong problem-solving abilities, technical proficiency and communication skills.

## EDUCATION

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**Bachelor of Engineering** - Electronics and Communication 2019 - 2023  
JSS Science and Technology University 8.94/10 CGPA

Course work – Computer Networks | Operating system | Cryptography and Network Security

## SKILLS & COMPETENCIES

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**Languages** – Python | ABAP | Java | C | C++ | Kotlin | SQL

**Technical skills** - Multi-Agent System Design & Orchestration | LLM Integration & Tooling (APIs, Function Calling, Automation) | Object oriented programming | Database development and maintenance | Enterprise resource planning

**Soft skills** - Leadership and Critical thinking | Time management and efficiency | Adaptability | Team collaboration

## EXPERIENCE

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**SAP Labs, Bengaluru:** Agentic AI Developer Sept 2025 to Present

- Designed and deployed multi-agent workflows for L1 SAP Support engineers (Reducing their work efforts by 30%) using frameworks such as CrewAI & LangGraph, enabling task coordination and improved decision-making.
- Developed custom agent tools for data extraction, solution analysis, document parsing (PDF/CSV), and automated reporting. Additionally, worked on creating a custom tool which would extract images from PDF along with a caption.

**SAP Labs, Bengaluru:** Associate Solution Support Engineer Feb 2023 to Present

- Analyzed complex problems and resolved 600+ critical issues for SAP customers through incidents.
- Mentored junior engineers, enhancing team productivity by 20% through code/issue reviews and technical workshops on advanced topics of Transportation Management [ABAP, C++].
- Collaborated with cross-functional teams like Extended Warehouse Management (EWM), Materials Management (MM), Sales and Distribution (SD) and Business Network for Logistics [BN4L] to create dataset for internal systems.
- Helped gather information and compile it into a single knowledge repository, which over 300 SAP customers accessed.

**Sandlogic Technologies Private Limited, Bengaluru:** AI Intern Jul 2021 to Dec 2021

- Worked on Deep learning in computer vision area along with AI [Python].
- Learned and implemented various models like ResNet and YOLO (You Only Look Once) for supply chain processes.
- Collaborated with team for annotating the dataset for a client project and developed it in YOLOv5 model.

## RESEARCH PAPER AND PUBLICATIONS

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**Text Independent Speaker Recognition and Classification using KNN Algorithm** ([Publication](#) )

- Conducted research on speaker recognition techniques, achieving a 96.97% accuracy using a double distance measurement method, surpassing the 84.85% accuracy of K-Nearest Neighbors (KNN).
- Investigated "speaker idolization" to improve speech recognition accuracy, audio indexing, and transcription intelligibility, contributing to personalized and secure smart environment technologies.

**Real Time Theft Detection Using YOLOv5 Object Detection Model** ([Publication](#) )

- Developed an automated theft detection system using the YOLOv5 object detection model, enabling real-time identification of objects and theft events with alerts to owners and authorities.
- Leveraged deep learning concepts, including neural networks and object detection, to address the global challenge of theft through innovative, automated solutions.

## ACADEMIC PROJECTS

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**Media player control by hand gestures using Open-CV and Python**

- Developed a media player which uses hand gestures to control the media player (Play, Pause, Skip, Volume adjust).
- Implemented in real time using Open-CV library and integrated it with VLC media player.