

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

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

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

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

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

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.